ENGINEERED PERFORMANCE STANDARDS

BOOK NUMBER - 09

PAINT

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SURFACE PREPARATION: Abrasive cleaning with handtools/sandblast equip.; chem. stripping; masking; repair

Standards apply to the preparation of surfaces that are within reach when standing. Add task time standards for ladder use as required. Door and window sizes that were selected as representative standard are 3 ft X 7 ft and 3 ft-8" X 5 ft-0" respectively. Use Task Time Standard (PT-606) for the preparation of pipe over 8" dia. Use task values of PWA-2 and PWA-5 from the General Handbook for the placement of compressor, pallets of required materals. Three degrees of Sandblasting: 1. Commercial blast is generally adequate for the long life of the majority of paint systems under normal exposure conditions. 2. Near white metal blast is adequate when using paints developed for long-term protection in moderately severe environments. 3. White metal blast is 100% free of all foreign substances. Assume hand held scraper/sander/wire brush is used. Hand held scraper related standards apply to wire brush also.

TASK TIME STANDARDS LISTING

PT 601	FLAT, UNOBSTRUCTED	- Wipe 100% of surface w/cloth	per SQ FT
PT 631	OR	- Wipe 100% of surface w/cloth	per LN FT
PT 602	SLIGHTLY CURVED	- Sand 25% of surface & wipe 100%	per SQ FT
PT 632	SURFACE	- Sand 25% of surface & wipe 100%	per LN FT
PT 604		- Sand 100% of surface & wipe 100%	per SQ FT
PT 634		- Sand 100% of surface & wipe 100%	per LN FT
PT 603	FLAT, SLIGHTLY CURVED OR UNOBSTRUCTED SURFACE	- Scrape or wire brush 25%, sand 50%, wipe 100% of surface	per SQ FT
PT 633		- Scrape or wire brush 25%, sand 50%, wipe 100% of surface	per LIN FT
PT 609		- Scrape or wire brush 100% wipe 100% of surface	per SQ FT
PT 611		- Scrape or wire brush 100% wipe 100% of surface	per LN FT
PT 605	IRREGULAR, ANGULAR	- Wipe 100% of surface w/cloth	per SQ FT
PT 635	OR	- Wipe 100% of surface w/cloth	per LN FT
PT 606	DIFFICULT TO REACH	- Sand 25% of surface & wipe 100%	per SQ FT
PT 636		- Sand 25% of surface & wipe 100%	per LN FT
PT 608		- Sand 100% of surface & wipe 100%	per SQ FT
PT 638		- Sand 100% of surface & wipe 100%	per LN FT
PT 607	IRREGULAR, ANGULAR OR DIFFICULT TO REACH	- Scrape or wire brush 25%, sand 50%, wipe 100% of surface	per SQ FT
PT 637		- Scrape or wire brush 25%, sand 50%, wipe 100% of surface	per LN FT
PT 610		- Scrape or wire brush 100%	

		wipe 100% of surface	per SQ FT
PT 639		- Scrape or wire brush 100% wipe 100% of surface	per LN FT
PT 612	OBJECTS	- Pipe or column, up to 1.5" dia; sand & wipe	per LN FT
PT 613		- Pipe or column, 2" to 4" dia; sand & wipe	per LN FT
PT 614		- Pipe or column, 4.5" to 8" dia; sand & wipe	per LN FT
PT 646		- Pipe or column, up to 1.5"dia; scrape & wipe	per LN FT
PT 650		- Pipe or column, 2" to 4" dia; scrape & wipe	per LN FT
PT 654		- Pipe or column, 4.5" to 8"dia; scrape & wipe	per LN FT
PT 621		- Window sash and trim; wipe or brush	per SIDE
PT 622	OBJECTS	- Window sash and trim; sand and wipe	per SIDE
PT 623		- Window sash and trim; scrape, sand & wipe	per SIDE
PT 630		- Window sash and trim; scrape and wipe	per SIDE
PT 624		- Door (paneled or smooth); wipe or brush	per SIDE
PT 625		- Door (paneled or smooth); sand and wipe	per SIDE
PT 626		- Door (paneled or smooth); scrape, sand & wipe	per SIDE
PT 644		- Door (paneled or smooth); scrape and wipe	per SIDE
PT 627	OBJECTS	- Doorway or door jamb; wipe or brush	per SIDE
PT 628		- Doorway or door jamb; sand and wipe	per SIDE
PT 629		- Doorway or door jamb; scrape, sand and wipe	per SIDE
PT 645		- Doorway or door jamb; scrape and wipe	per SIDE
PT 640	ABRASIVE CLEANING USING SANDBLASTING EQUIPMENT	- Concrete, masonry or stucco	per SQ FT
PT 641		- Flat or slightly curved metal (commercial blast)	per SQ FT
PT 642	ABRASIVE CLEANING USING SANDBLASTING EQUIPMENT	- Flat or slightly curved metal (near white metal blast)	per SQ FT
PT 643		- Flat or slightly curved metal (white metal blast)	per SQ FT
PT 647		- Trusses or other structural members (commercial blast)	per SQ FT
PT 648		- Trusses or other structural members (near white metal blast)	per SQ FT
PT 790	CHEMICAL STRIPPING	- Wall or flat surface; apply stripper, scrape excess, wash surface	per SQ FT
PT 649		- Trusses or other structural members (white metal blast)	per SQ FT
PT 651	MASKING	- Mask door handle or other small object	per OBJECT
PT 652		Mask wall fan or other medium size object	per OBJECT
PT 653		- Mask wall, trim, door, window perimeter, etc	per LN FT
PT 673	REPAIR SURFACE	- V-out old crack and apply plaster or spackle	per LIN FT
CT 316		- Patch hole in plasterboard	per HOLE
PT 678		- Finish new plasterboard wall seams with tape and three coats of compound	per SQ FT
PT 677		- Finish new plasterboard ceiling seams with tape and three coats of compound	
PT 679		- Fill nail holes and apply one coat of tape and compound to plaster board seam	

PT 680		- Fill nail holes and cracks in new wood surfaces with compound	per SQ FT
PT 681	REPAIR SURFACE	- Fill nail holes and cracks in new wood surfaces with compound	per LIN FT
PT 684		- Apply caulking with hand operated cartridge gun	per LIN FT
PT 685		- Remove old caulking and apply new caulking with hand operated caulking gun	per LIN FT
PT 661	WATER BLAST	- heavy removal (block)	per SQ FT
PT 662		- light removal (block)	per SQ FT
PT 664		- light removal (wood)	per SQ FT

EPS TASK TIME STANDARDS - DESCRIPTIONS AND UNIT HOURS

PT 601 Wipe flat, slightly curved or unobstructed surface with cloth. Includes wiping first square foot with cloth, wiping additional square feet, body motions while wiping and walking to next area

000.00091 hours per square feet

PT 631 Wipe flat, slightly curved or unobstructed surface with cloth.

000.00037 hours per linear feet

PT 602 Sand 25% of flat, slightly curved or unobstructed surface and wipe 100% of surface with cloth.

000.00119 hours per square feet

PT 632 Sand 25% of flat, slightly curved or unobstructed surface and wipe 100% of surface with cloth.

000.00048 hours per linear feet

PT 604 Sand 100% of flat, slightly curved or unobstructed surface and wipe 100% of surface with cloth.

000.00204 hours per square feet

PT 634 Sand 100% of flat, slightly curved or unobstructed surface and wipe 100% of surface with cloth.

000.00080 hours per linear feet

PT 603 Scrape or wire brush 25% of flat, slightly curved or unobstructed surface, sand 50% and wipe 100%.

000.00271 hours per square feet

PT 633 Scrape or wire brush 25% of flat, slightly curved or unobstructed surface, sand 50% and wipe 100% of surface with cloth.

000.00097 hours per linear feet

PT 609 Scrape or wire brush 100% of flat, slightly curved or unobstructed surface; and wipe 100%

000.00715 hours per square feet

PT 611 Scrape or wire brush 100% of flat, slightly curved or unobstructed surface; and wipe 100%

000.00249 hours per linear feet

PT 605 Wipe irregular, angular or difficult to reach surface with cloth

000.00181 hours per square feet

PT 635 Wipe irregular, angular or difficult to reach surface with cloth

000.00065 hours per linear feet

PT 606 Sand 25% of irregular, angular or difficult to reach surface and wipe 100% of surface with cloth.

000.00273 hours per square feet

PT 636 Sand 25% of irregular, angular or difficult to reach surface and wipe 100% of surface with cloth.

000.00099 hours per linear feet

PT 608 Sand 100% of irregular, angular or difficult to reach surface and wipe 100% of surface with cloth.

000.00546 hours per square feet

PT 638 Sand 100% of irregular, angular or difficult to reach surface and wipe 100% of surface with cloth.

000.00198 hours per linear feet

PT 607 Scrape or wire brush 25% of irregular, angular or difficult to reach surface, sand 50% and wipe 100%.

000.00569 hours per square feet

PT 637 Scrape or wire brush 25% of irregular, angular or difficult to reach surface, sand 50% and wipe 100%.

000.00208 hours per linear feet

PT 610 Scrape or wire brush 100% of irregular, angular or difficult to reach surface; and wipe 100%

000.00901 hours per square feet

PT 639 Scrape or wire brush 100% of irregular, angular or difficult to reach surface; and wipe 100%

000.00311 hours per linear feet

PT 612 Sand and wipe up to 1.5" diameter pipe or column.

000.00138 hours per linear feet

PT 613 Sand and wipe 2" to 4" diameter pipe or column

000.00414 hours per linear feet

PT 614 Sand and wipe 4.5" to 8" diameter pipe or column.

000.00829 hours per linear feet

PT 646 Scrape or wire brush, and wipe up to 1.5" diameter pipe or column

000.00256 hours per linear feet

PT 650 Scrape or wire brush, and wipe 2" to 4" diameter pipe or column

000.00963 hours per linear feet

PT 654 Scrape or wire brush, and wipe 4.5" to 8" diameter pipe or column

000.01533 hours per linear feet

PT 621 Wipe or brush interior or exterior of window sash and related trim prior to painting.

000.14800 hours per side(s)

PT 622 Sand and wipe interior or exterior of window sash and related trim prior to painting.

000.36346 hours per side(s)

PT 623 Scrape or wire brush, sand and wipe interior or exterior of window sash and related trim prior to painting.

000.37966 hours per side(s)

PT 630 Scrape or wire brush, and wipe interior or exterior of window sash and related trim prior to painting (ladder/scaffold use not included)

000.54652 hours per side(s)

PT 624 Wipe or brush interior or exterior of door (paneled or smooth) prior to painting.

000.06005 hours per side(s)

PT 625 Sand and wipe interior or exterior of door (paneled or smooth) prior to painting.

000.14401 hours per side(s)

PT 626 Scrape or wire brush, sand and wipe interior or exterior of door (paneled or smooth) prior to painting.

000.15173 hours per side(s)

PT 644 Scrape/wire brush, and wipe interior or exterior of door (paneled or smooth) prior to painting

000.24729 hours per side(s)

PT 627 Wipe or brush interior or exterior of doorway/jamb and casing prior to painting.

000.04845 hours per side(s)

PT 628 Sand and wipe interior or exterior of doorway/jamb and casing prior to painting.

000.09367 hours per side(s)

PT 629 Scrape or wire brush, sand and wipe interior or exterior of doorway/jamb prior to painting.

000.09707 hours per side(s)

PT 645 Scrape/wire brush, and wipe interior or exterior of doorway/jamb and casing prior to painting

000.13209 hours per side(s)

PT 640 Sandblast masonry surface. Includes loading sand into sand-blasting pot; start and check compressor and pot; sandblasting surface; inspecting surface after blasting and removing spent sand from sandblasting area.

000.00597 hours per square feet

PT 641 Sandblast flat or slightly rounded metal surface, commercial blast. Includes loading sand into sandblasting pot; start and check compressor and pot; sandblasting surface with commercial blast, inspecting surface after blasting and removing spent san from sandblasting area.

000.01566 hours per square feet

PT 642 Sandblast flat or slightly rounded metal surface, near white metal blast. Includes loading sand into sandblasting pot; star and check compressor and pot; sandblasting surface with near white metal blast; inspecting surface after blasting and remo-ving spent sand from sandblasting area.

000.03084 hours per square feet

PT 643 Sandblast flat or slightly rounded metal surface, white metal blast. Includes loading sand into sandblasting pot; start and check compressor and pot; sandblasting surface with white metal blast; inspecting surface after blasting and removing spent sand from sandblasting area.

000.05292 hours per square feet

PT 647 Sandblast metal beams, trusses or other structural members, commercial blast. Includes loading sand into sandblasting pot; start and check compressor and pot; sandblasting item with commercial blast; inspecting surface after blasting and removin spent sand from sandblasting area.

000.02840 hours per square feet

PT 648 Sandblast metal beams, trusses or other structural members, near white metal blast. Includes loading sand into sandblasting pot start and check compressor and pot; sandblasting items with nea white metal blast; inspecting surface after blasting and remo-ving spent sand from sandblasting area.

000.05678 hours per square feet

PT 790 Remove paint from surface with chemical stripper --apply stripper with brush, wait for chemical action, scrape paint off wash surface with soap and water --per layer of paint --waiting time for stripper to work on surface is not included --this is hazardous work

000.04670 hours per job(s)

000.02641 hours per square feet of area to be stripped

PT 649 Sandblast metal beams, trusses or other structural members, white metal blast. Includes loading sand into sandblasting pot start and check compressor and pot; sandblasting item with white metal blast; inspecting area after blasting and removing spent sand from sandblasting area.

000.09805 hours per square feet

PT 651 Mask small object with tape and remove. Includes preparing supplies, walking to object, masking object, removing tape from object and disposing of waste to trash can outside of building.

000.01381 hours per object(s)

PT 652 Mask medium sized object with tape and remove. Includes preparing supplies, walking to area, masking object, removing tape from object and disposing of waste to trash can outside buildin

000.03621 hours per object(s)

PT 653 Mask wall, trim, door, window perimeter, etc. Includes preparing supplies, walking to area, applying tape, removing tape and disposing of waste to trash can outside building.

000.00393 hours per linear feet

PT 673 V-out old crack and apply plaster or spackle. Includes set up and handling time, v-out crack and application of plaster or spackling to void.

000.03370 hours per linear feet

CT 316 Gypsum Wallboard, patch holes.
Per hole.

000.21127 hours per holes to patch

PT 678 Apply tape and three coats of compound to plaster board seam of wall including sanding and wiping after third coat.

000.01508 hours per square feet of plaster board

PT 677 Apply tape and three coats of compound to plaster seam of ceiling including sanding and wiping after third coat. Ladder/scaffold time not included.

000.01770 hours per square feet of plaster board

PT 679 Fill nail holes and apply one coat of tape and compound to plaster board seam.
Ladder/scaffold time not included.

000.00744 hours per square feet of plaster board

PT 680 Fill nail holes and cracks in new or repaired wood surfaces. --per Sq Ft.

000.00378 hours per square feet

PT 681 Fill nail holes and cracks in new or repaired wood boards. --per Lin Ft

000.00393 hours per linear feet

PT 684 Apply caulking with hand operated cartridge gun. Includes obtaining and asiding gun, cartridge and knife; removing old cartridge, preparing new cartridge and loading into gun; and application of caulking with hand actuated cartridge gun.

000.00241 hours per linear feet

PT 685 Remove old caulking and apply new caulking with hand operated cartridge gun. Includes obtaining and asiding tool for removin old caulking, removing deteriorated caulking with hand tool; an obtaining and asiding tools for preparing gun, preparing gun an application of caulking with hand actuated cartridge gun.

000.00537 hours per linear feet

PT 661 Water blast block wall to remove old paint - heavy removal down to bare wall

000.20267 hours per job(s)

000.00480 hours per square feet

PT 662 Water blast block wall to remove old paint - light removal of flaking paint only

000.20267 hours per job(s)

000.00220 hours per square feet

PT 664 Water blast wood siding/surface to remove old paint (light removal of flaking paint only)

000.20267 hours per job(s) setup time

000.00180 hours per square feet of siding

LADDER OR LIFT USE: Position, ascend, descend and aside.

These ladder standards have been developed for use by all crafts They cover reaching to an object, continuous lateral movement and painting a wall or ceiling at various heights. The standard includes time for obtaining, setting up, taking down and asiding ladder; moving obstructions and positioning ladder to object or per use; adjusting ladder extension and making safety check, if appropriate; ascending ladder with each foot touching each rung; and descending ladder with feet touching alternate rungs. Time for helper to hold ladder when necessary has also been allowed. When applying these standards, use one occurrence each time the craftsperson ascends and descends the ladder. Time for placing object on lift is not included.

TASK TIME STANDARDS LISTING

PT 800	USE LADDER TO REACH OBJECT(S) - Up To 8 Ft High	per MOVE
PT 801	- 9 Ft To 11 Ft High	per MOVE
PT 802	- 12 Ft To 15 Ft High	per MOVE
PT 803	- 16 Ft To 23 Ft High	per MOVE
PT 804	- Over 23 Ft High	per MOVE
PT 810	CONTINUOUS LATERAL MOVEMENT (LADDER) - Up To 8 Ft High	per LN FT
PT 811	CONTINUOUS LATERAL MOVEMENT (LADDER) - 9 Ft To 11 Ft High	per LN FT
PT 812	- 12 Ft To 15 Ft High	per LN FT
PT 813	- 16 Ft To 23 Ft High	per LN FT
PT 814	CONTINUOUS LATERAL MOVEMENT (LADDER) - Over 23 Ft High	per LN FT
PT 821	WALL PAINTING OR COVERING (LADDER) - Walls Up To 15 Ft High	per SQ FT
PT 823	- Walls Over 15 Ft High	per SQ FT
PT 831	CEILING PAINTING OR COVERING (LADDER) - Ceiling Up To 11 Ft High	per SQ FT
PT 833	- Ceiling Over 11 Ft High	per SQ FT
PT 835	USE PORTABLE LIFT TO REACH/RAISE OBJECT(S) - Up to 24 Ft High (1 man, telescopic lift. (raise & lower))	per LN FT
PT 836	USE PORTABLE LIFT TO REACH/RAISE OBJECT(S) - Up to 35 Ft High (2-man, telescopic lift. (raise & lower))	per LN FT
PT 837	SCISSORLIFT AERIAL WORK PLATFORM - Up to 22 Ft High; 600 lb cap. (1-man, compact; raise and lower objects)	per LN FT

PT 800 Position and climb ladder to reach object up to 8 feet high. -Includes obtaining, setting up, taking down and asiding ladder moving obstructions and positioning ladder to object; climbing ladder with each foot touching each rung; and descending ladder with feet touching alternate rungs.

000.03926 hours per object(s)

PT 801 Position and climb ladder to reach object 9 to 11 feet high. -- Includes obtaining, setting up, taking down and asiding ladder; moving obstructions and positioning ladder to object; climbing ladder with each foot touching each rung; and descending ladder with feet touching alternate rungs.

000.04156 hours per object(s)

PT 802 Position and climb ladder to reach object 12 to 15 feet high. -- Includes obtaining, setting up, taking down and asiding ladder; moving obstructions and positioning ladder to object; adjusting ladder extension and making safety check; climbing ladder with each foot touching each rung; and descending ladder with feet touching alternate rungs.

000.07265 hours per object(s)

PT 803 Position and climb ladder to reach object 16 to 23 feet high. -- Includes obtaining, setting up, taking down and asiding ladder; moving obstructions and positioning ladder to object; adjusting ladder extension and making safety check; climbing ladder with each foot touching each rung; and descending ladder with feet touching alternate rungs.

000.15912 hours per object(s)

PT 804 Position and climb ladder to reach object over 23 feet high. -- Includes obtaining, setting up, taking down and asiding ladder; moving obstructions and positioning ladder to object; adjusting ladder extension and making safety check; climbing ladder with each foot touching each rung; and descending ladder with feet touching alternate rungs.

000.18212 hours per object(s)

PT 810 Position and climb ladder when making continuous lateral move- ments at heights up to 8 feet.--Includes obtaining, setting up, taking down and asiding ladder; moving obstructions and positio ing ladder for use; climbing ladder with each foot touching eac rung; and descending ladder with feet touching alternate rungs.

000.00372 hours per linear feet

PT 811 Position and climb ladder when making continuous lateral movements at heights of 9 to 11 feet.--Includes obtaining, setting up, taking down and asiding ladder; moving obstructions and positioning ladder for use; climbing ladder with each foot touchin each rung; and descending ladder with feet touching alternate rungs.

000.00436 hours per linear feet

PT 812 Position and climb ladder when making continuous lateral movements at heights of 12 to 15 feet.--Includes obtaining, setting up, taking down and asiding ladder; moving obstructions and positioning ladder for use; adjusting ladder extension and making safety check; climbing ladder with each foot touching each rung and descending ladder with feet touching alternate rungs.

000.00622 hours per linear feet

PT 813 Position and climb ladder when making continuous lateral movements at heights of 16 to 23 feet.--Includes obtaining, setting up, taking down and asiding ladder; moving obstructions and positioning ladder for use; adjusting ladder extension and making safety check; climbing ladder with each foot touching each rung and descending ladder with feet touching alternate rungs.

000.01638 hours per linear feet

PT 814 Position and climb ladder when making continuous lateral movements at heights of over 23 feet.--Includes obtaining, setting up, taking down and asiding ladder; moving obstructions and positioning ladder for use; adjusting ladder extension and making safety check; climbing ladder with each foot touching each rung and descending ladder with feet touching alternate rungs.

000.02295 hours per linear feet

PT 821 Position and climb ladder when painting walls up to 15 feet high Includes obtaining, setting up, taking down and asiding ladder; moving obstructions and positioning ladder for use; adjusting ladder extension and making safety check; ascending and descending ladder with both feet touching each rung; and ascending and descending ladder with one foot touching each rung.

000.00043 hours per square feet

PT 823 Position and climb ladder when painting walls over 15 feet high. --Includes all actions required when making continuous lateral movements at heights over 15 feet; adjusting extension to reach intermediate heights; and ascending and descending ladder to adjust extension.

000.00205 hours per square feet

PT 831 Position and climb stepladder when painting ceilings up to 11 feet high.--Includes obtaining, setting up, taking down and asiding ladder; moving obstructions and positioning ladder for use; and ascending and descending ladder while painting ceiling

000.00274 hours per square feet

PT 833 Position and climb stepladder when painting ceilings over 11 feet high.--Includes obtaining, setting up, and taking down and asiding ladder; moving obstructions and positioning ladder for use; and ascending and descending ladder while painting ceiling

000.00382 hours per square feet

PT 835 Use portable lift (Aluminum telescopic winch and cable, or AC/DC powered (e.g. GENIE Corp. telescopic lift). Raise and lower per foot. Includes: obtain and aside lift; move obstructions as required; raise and lower portable aerial platform (for one per son) or material lift.
Not included: placing object on material lift

000.03281 hours per location(s)

000.00278 hours per feet

PT 836 Use portable dual lift (aluminum telescopic AC/DC powered (E.G. Genie corp telescopic lift)). Raise and lower per foot. Includes: Obtain and aside lift; move obstructions as required; setup portable lift; raise and lower 2-man portable aerial platform.

000.11105 hours per location(s)

000.00334 hours per feet

PT 837 Use scissorlift aerial work platform with 600 lb lift capacity (E.G. MEC INC., 1632 model). Raise and lower per foot. Includes: obtain and aside lift; move obstructions as required; raise and lower 1-man lift.

000.11029 hours per location(s)

000.00064 hours per feet

BRUSH PAINTING: Surfaces, objects, trim, coatings/coverings safety stripes.

These standards apply to brush painting a prepared surface that is within reach when standing. Task time standards for surface preparation and ladder use must be added as required.

The Ladder task listing now appears in the Paint Handbook and the General Handbook to make the use of the standards more readily accessible to all crafts. "Two men job" and "More than two men" entries have been removed from the General Handbook and are now included in all brush painting tasks as "additional job preparation time for painting". All the brush painting standards were developed for one coat application but, may be used for multiple coats by occurrencing as needed. These standards are to be used for priming and applying finish coats.

The door size that was used in developing brush painting tasks is 3 ft X 7 ft and the window size used is 3 ft-8" X 5 ft-0".

TASK TIME STANDARDS LISTING

PT 101	SURFACE	- Celo-tex fibre block or acoustical ceiling	per SQ FT
PT 102		- Clapboard	per SQ FT
PT 103		- Concrete, smooth	per SQ FT
PT 104		- Metal, corrugated/perforated	per SQ FT
PT 105		- Metal, expanded	per SQ FT
PT 106		- Metal, smooth (includes beams)	per SQ FT
PT 107		- Terra Cotta block	per SQ FT
PT 108		- Wood, plywood or plaster	per SQ FT
PT 131		- Wood, plywood or plaster up to 6" wide	per LN FT
PT 136	OBJECTS	- Door, wood or metal (smooth or paneled)	per SIDE
PT 132	OBJECTS	- Door jamb and casing or doorway and casing	per SIDE
PT 133		- Window, one pane over one pane	per SIDE
PT 134		- Window, two panes over two panes	per SIDE
PT 135		- Window, six panes over six panes	per SIDE
PT 121		- Door, panel (wood or metal)	per SQ FT
PT 122		- Door, edge (wood or metal)	per LIN FT
PT 123		- Door jamb/casing or doorway	per LIN FT
PT 687		- Fire Hydrant (single or multi color)	per FIRE HYDR
PT 124		- Grille, metal	per SQ FT
PT 125		- Gutter, 4" round	per LIN FT
PT 126	OBJECTS	- Pipe, .5" to 1.5" dia.	per LIN FT
PT 127		- Pipe, over 1.5" to 4" dia.	per LIN FT
PT 128		- Pipe or column, over 4" to 8" dia.	per LIN FT
PT 129		- Rafter, exposed, wood (also includes fascia, eave section and eave block)	per LIN FT of ROOF

PT 151	COATINGS/COVERINGS - Aluminum paint - waterproof tar	per SQ FT
PT 152	- Enamel - metal surface	per SQ FT
PT 153	- Red lead - metal surface	per SQ FT
PT 154	- Shellac - plaster or wood surface	per SQ FT
PT 156	- Varnish - wood surface	per SQ FT
PT 155	COATINGS/COVERINGS - Zinc chromate - metal surface	per SQ FT
PT 163	TRIM - Wood/plaster surfaces (up to 3" wide)	per LN FT
PT 131	- Wood surfaces (up to 6" wide)	per LN FT
PT 171	SAFETY STRIPE - Metal surface, corrugated	per SQ FT
PT 172	- Metal surface, smooth	per SQ FT
PT 173	- Wood panel	per SQ FT

EPS TASK TIME STANDARDS - DESCRIPTIONS AND UNIT HOURS

PT 101 Brush one coat of paint on Celo-Tex fiber block or acoustical ceiling. Includes application of paint, in-process setup and handling time and additional job preparation time for painting.

000.00777 hours per square feet

PT 102 Brush one coat of paint on clapboard surface. Includes application of paint, in-process setup and handling time and additional job preparation time for painting.

000.00764 hours per square feet

PT 103 Brush one coat of paint on flat concrete surface. Includes application of paint, in-process setup and handling time and additional job preparation time for painting.

000.00602 hours per square feet

PT 104 Brush one coat of paint on corrugated or perforated metal surface. Includes application of paint, in-process setup and handling time and additional job preparation time for painting.

000.00669 hours per square feet

PT 105 Brush one coat of paint on one side of expanded metal. Includes application of paint, in-process setup and handling time and additional job preparation time for painting.

000.01342 hours per square feet

PT 106 Brush one coat of paint on finished/smooth metal surface. Includes application of paint, in-process setup and handling time and additional job preparation time for painting.

000.00635 hours per square feet

PT 107 Brush one coat of paint on Terra Cotta block. Includes application of paint, in-process setup and handling time and additiona job preparation time for painting.

000.00667 hours per square feet

PT 108 Brush one coat of paint on wood, plywood or plastered surface. Includes application of paint, in-process setup and handling time and additional job preparation time for painting.

000.00486 hours per square feet

PT 131 Brush one coat of paint on wood surface up to 6" in width. Includes application of paint, in-process set up and handling time and additional job preparation time for painting.

000.00358 hours per linear feet

PT 136 Brush one coat of paint on door (1 side and 3 edges). Includes application of paint on door panel and edges, in-process set up & handling time & additional job preparation time for painting. --ladder/scaffold use not included.

000.17465 hours per sides

PT 132 Brush one coat of paint on door jamb or doorway. Includes application of paint, in-process setup and handling time and additional job preparation time for painting.

000.24224 hours per sides

PT 133 Brush one coat of paint on exterior or interior side on double hung window, one pane over one pane, including sashes and related trim. Includes application of paint, raise and lower sashes, wiping of paint from panes, in-process setup and handling time and additional job preparation time for painting.

000.56937 hours per sides

PT 134 Brush one coat of paint on exterior or interior side of double hung window, two panes over two panes, including sashes and related trim. Includes application of paint, raise and lower sashes, wiping of paint from glass panes, in-process setup and handling time and additional job preparation time for painting.

000.67496 hours per sides

PT 135 Brush one coat of paint on exterior or interior side of double hung window, six panes over six panes, including sashes and related trim. Includes application of paint, raise and lower sashes, wiping of paint from glass panes, in-process setup and handling time and additional job preparation time for painting.

000.81746 hours per sides

PT 121 Brush one coat of paint on door panel(s) or side(s). Includes application of paint, in-process setup and handling time and additional preparation time for painting.

000.00447 hours per square feet

PT 122 Brush one coat of paint on door edges. Includes application of paint and additional job preparation time for painting.
--ladder/scaffold use not included

000.00473 hours per linear feet

PT 123 Brush one coat of paint on doorway and casing or door jamb and casing.
Includes application of paint, in-process setup and handling time and additional job preparation time for painting

000.01425 hours per linear feet

PT 687 Brush paint Fire Hydrant (single or multi-color).
Includes scraping, brushing and wiping before painting; and brush painting one coat of paint

000.29506 hours per fire hydrant(s) to paint

PT 124 Brush one coat of paint on metal grille. Includes application of paint, in-process setup and handling time and additional job preparation time for painting.

000.01313 hours per square feet

PT 125 Brush one coat of paint on 4" gutter. Includes application of paint, in-process setup and handling time and additional job preparation time for painting.

000.01941 hours per linear feet

PT 126 Brush one coat of paint on .5" dia. to 1.5" dia. pipe. Includes application of paint, in-process setup and handling time and additional job preparation time for painting.

000.00581 hours per linear feet

PT 127 Brush one coat of paint on over 1.5" dia. to 4" dia. pipe. Includes application of paint, in-process setup and handling time and additional job preparation time for painting.

000.01050 hours per linear feet

PT 128 Brush one coat of paint on over 4" dia. to 8" dia. pipe or column. --Includes application of paint, in-process setup and handling time and additional job preparation time for painting.

000.01955 hours per linear feet

PT 129 Brush on coat of paint on exposed rafters (16"- 20"- 24" c. c.). Includes application of paint on rafters, two sides and edge of fascia, eave sections (underside of sheathing between rafters) and edge and side of eave blocks; in-process setup and handling time; and additional job preparation time for painting. **NOTE: UNIT OF MEASURE IS IN LINEAR FEET OF ROOF**

000.04976 hours per linear feet of roof

PT 151 Brush one coat of aluminum paint on waterproof tar surface. Includes application of aluminum paint, in-process setup and handling time and additional job preparation time for painting.

000.00373 hours per square feet

PT 152 Brush one coat of enamel paint on metal surface. Includes application of paint, in-process setup and handling time and additional job preparation time for painting.

000.00693 hours per square feet

PT 153 Brush one coat of red lead on smooth metal surface. Includes application of red lead, in-process setup and handling time and additional job preparation time for painting.

000.00863 hours per square feet

PT 154 Brush one coat of shellac on plaster and/or wood surface (flat). Includes application of shellac, in-process setup and handling time and additional job preparation time for painting.

000.00435 hours per square feet

PT 156 Varnish one coat on wood with 3" to 4" brush

000.00661 hours per square feet

PT 155 Brush one coat of zinc chromate on smooth metal surface. Includes application of zinc chromate, in-process setup and handlin time and additional job preparation time for painting.

000.01143 hours per square feet

PT 163 Brush one coat of paint to wood or plaster trim material up to 3" wide with brush

000.00377 hours per linear feet

PT 131 Brush one coat of paint on wood surface up to 6" in width. Includes application of paint, in-process set up and handling time and additional job preparation time for painting.

000.00358 hours per linear feet

PT 171 Brush paint safety stripes on corrugated metal surface. Includes application of paint, in-process setup and handling time and additional job preparation time for painting.

000.21470 hours per square feet

PT 172 Brush paint safety stripes on sheet metal surface. Includes application of paint, in-process setup and handling time and additional job preparation time for painting.

000.04223 hours per square feet

PT 173 Brush paint safety stripes on wood panel surface. Includes application of paint, in-process setup and handling time and additional job preparation time for painting.

000.06965 hours per square feet

ROLLER PAINTING: Surfaces, trim or "cut in", objects.

These standards apply to roller painting a prepared surface that is within reach when standing or when using an extension handle. Task time standards for surface preparation and ladder use must be added as required.

The Ladder task listing now appears in the Paint Handbook and the General Handbook to make the use of the standards more readily accessible to all crafts. "Two man job and "More than two men entries have been removed from the General Handbook and are now included in all roller painting tasks as "additional job preparation time for painting".

These standards were developed for one coat application, but may be used for multiple coats by occurrencing as needed. They are to be used for priming and applying finish coats.

TASK TIME STANDARDS LISTING

PT 301	SURFACES (w/ latex)- Ceiling (no "cut ins" included)	per SQ FT
PT 320	- Wall (no "cut ins" included)	per SQ FT
PT 345	- Ceiling ("cut ins" included)	per SQ FT
PT 330	- Wall ("cut ins" included)	per SQ FT
PT 355	- Floor (no "cut ins" included)	per SQ FT
PT 703	- Traffic stripe	per LIN FT or METER
PT 784	SURFACES (w/ oil based) - Wall ("cut ins" included)	per SQ FT
PT 786	- Ceiling ("cut-ins" included)	per SQ FT
PT 360	SURFACES (w/ epoxy) - Floor ("cut-ins" not included)	per SQ FT
PT 686	CUT IN - Wall or Ceiling	per LN FT
PT 350	OBJECTS - Chainlink fence (both sides included)	per SQ FT

PT 301 Apply one coat of paint to acoustical ceiling with roller. Includes application of paint with roller and additional job preparation time for painting. No ladder time included.

000.00210 hours per square feet

PT 320 Apply one coat of paint to wall (flat interior/exterior surface) with roller. Includes application of paint with roller and additional job preparation time for painting. No ladder time included.

000.00212 hours per square feet

PT 345 Roller paint ceiling only of room with paneling or wall covering (includes "cutting in" corners and around edges of ceiling)

000.00232 hours per square feet

PT 330 Roller paint walls of a room w/8 ft to 10 ft high ceiling. Includes "cutting in" corners, baseboard, ceiling, around door(s) and window(s) using a brush, application of paint on walls with a roller and additional job preparation time for painting.

000.00326 hours per square feet of wall

PT 355 Roller paint floor (smooth surface) per coat of paint.
Includes: get and aside material required, mix paint, pour pain into pail, roller paint.
Not included: cut in, waiting for paint to dry

000.00253 hours per square feet of floor painted

PT 703 Roller paint old traffic stripe with black street marking paint
Includes: Setup required, sweeping, and roller painting

000.00467 hours per meters of traffic stripe to paint OR

000.00154 hours per linear feet of traffic stripe to paint

PT 784 Roller paint (using oil based, high sheen paint) walls of a room with 8 ft to 10 ft high ceiling. Includes "cutting in" corners, baseboard, ceiling, and doors/windows.
(per sq ft of wall being painted)
ladder time included for "cut in" ceiling and upper portion of doors/windows only.

000.00516 hours per square feet of wall being painted

PT 786 Roller paint (using oil based, high sheen paint) ceiling of a room with 8 ft to 10 ft high ceiling. Includes "cutting in" ceiling with brush.
(per sq ft of ceiling being painted)
Ladder time included for "cut in" ceiling only.

000.00442 hours per square feet of ceiling being painted

PT 360 Apply water based, two part epoxy coating with roller to concrete floor per coat of epoxy.
Includes: get and aside material required; sweep; open and clos can of base and activator; mix base with activator; pour epoxy into bucket; dip roller into bucket as required; apply epoxy with roller Not included: cut in; wait for epoxy to dry

000.00572 hours per square feet

PT 686 Apply one coat of paint (cut in) to wood/plaster wall/ceiling with brush before rolling
(ladder/scaffold use not included)

000.00346 hours per linear feet

PT 350 Apply one coat of paint to both sides of a chain link fence with roller. Includes application of paint on both sides of fence and additional job preparation time for painting.

000.00363 hours per square feet

These standards apply to spray painting a prepared surface that is within reach when standing. Task time standards for surface preparation and ladder use must be added as required. FOUR CATEGORIES OF SURFACES: 1. Standards for "flat, slightly curved and unobstructed surfaces" are used for large surfaces such as walls. 2. Standards for "flat, slightly curved surfaces with extra care" are used for objects requiring a quality finish such as furniture. 3. Standards for "irregular, angular or obstructed surface" are used for objects such as material handling equipment, ornamental metal objects and fire escapes. 4. Standards for "beams, truss or other structural members" are used for building materials such as pipe, steel joist, metal angles, channels, as well as structures such as metal decking.

TASK TIME STANDARDS LISTING

PT 418	AIRLESS - horizontal flat or slightly curved surface	per SQ FT
PT 412	- flat or slightly curved surface with extra care	per SQ FT
PT 413	- vertical flat or slightly curved surface	per SQ FT
PT 420	- upright round post	per LN FT
PT 414	AIRLESS - metal step	per step
PT 419	- floor grating	per SQ FT
PT 416	- structural flat beam or round railing	per LN FT
PT 763	AIRLESS - Walls (texture coating)	per SQ FT
PT 421	CONVENTIONAL - Flat or slightly curved and unobstructed surface	per SQ FT
PT 422	- Flat or slightly curved surface with extra care	per SQ FT
PT 425	CONVENTIONAL - Irregular, angular or obstucted surface	per SQ FT
PT 427	- Beams, truss or other structural members	/ SQ FT

PT 418 Airless spray painting of horizontal flat or slightly curved surface. Includes job preparation time.

000.00034 hours per square feet

PT 412 Airless spray painting requiring extra care for a quality finish. Includes application of paint and additional job preparation time for painting.

000.00177 hours per square feet

PT 413 Airless spray painting of vertical flat or slightly curved surface. Includes job preparation time.

000.00054 hours per square feet

PT 420 Airless spray painting of upright round post. Includes job preparation time.

000.00162 hours per linear feet

PT 414 Airless spray painting of one side of typical metal step. Time is doubled if both sides of step are painted. Includes job preparation time.

000.00235 hours per step(s)

PT 419 Airless spray painting of one side of metal floor grating. Time is doubled if top and bottom are painted. Includes job preparation time

000.00144 hours per square feet

PT 416 Airless spray painting of one side of flat beam or full diameter of railing. Includes job preparation time.

000.00042 hours per linear feet

PT 763 Mix and spray "texture coating" mixture on walls
Includes: mixing "texture coating" powder with water or paint, and spraying "texture coating" mixture.

000.00210 hours per square feet of wall

PT 421 Conventional spray painting of flat surfaces. Includes application of paint and additional job preparation time for painting.

000.00125 hours per square feet

PT 422 Conventional spray painting requiring extra care for a quality finish. Includes application of paint and additional job preparation time for painting.

000.00253 hours per square feet

PT 425 Conventional spray painting of irregular surface. Includes application of paint and additional job preparation time for painting.

000.00304 hours per square feet

PT 427 Conventional spray painting of structural members. Includes application of paint and additional job preparation time for painting.

000.00247 hours per square feet

These standards apply to painting signs/sheeting, affixing Scotchlite film on prepared sign blanks or making silk screens. When a task has 2 variables, both variables must be used. Also, most applications will require the use of more than one task... For example, one for painting or affixing background, another for painting or affixing characters on the background, another for manufacturing or reclaiming silk screens, and yet another for preparing silk screens.

TASK TIME STANDARDS LISTING

PT 519	SCOTCHLITE - Apply background film (Heat sensitive)	per SIGN + SQ FT
PT 520	- Apply background film (Pressure sensitive)	per SIGN + SQ FT
PT 569	- Apply character(s) (Heat sensitive)	per SIGN + CHARACTER
PT 564	PRESSURE SENSITIVE OVERLAY (prepared w/Gerber machine) - Apply character(s) (1-13" high)	per JOB + CHARACTER
PT 565	- Apply character(s) (14-27" high)	per JOB + CHARACTER
PT 501	BRUSH PAINT - Background (2 coats)	per SIGN + SQ FT
PT 552	BRUSH PAINT - Character(s), freehand (one coat) (Up to 3.5" high)	per SIGN + CHARACTER
PT 553	- Character(s), freehand (2nd coat) (Up to 3.5" high)	per CHARACTER
PT 554	- Character(s), freehand (4 to 6" high)	per SIGN + CHARACTER
PT 556	BRUSH PAINT - Character(s), freehand (7 to 15" high)	per SIGN + CHARACTER
PT 558	- Character(s), freehand (over 15" high)	per SIGN + CHARACTER
PT 580	STENCIL - Character(s) (Brush paint)	per SIGN + CHARACTER
PT 584	STENCIL - Character(s) (spray paint) (Up to 4" high)	per SIGN + CHARACTER
PT 585	- Character(s) (spray paint) (over 4" high)	per SIGN + SQ FT
PT 503	SPRAY PAINT - Background (2 coats)	per SIGN + SQ FT
PT 587	SILKSCREEN - Character(s) on sign blank (	per SIGN + CHARACTER
PT 588	- Character(s) on sheeting	per SCREEN SETUP +

			SIGN
PT 589		- Character(s) on equipment	per SIGN + CHARACTER
PT 765	SILKSCREEN	- Manufacture new silkscreen	per SILKSCREEN
PT 767		- Reclaim silkscreen	per JOB + SQ FT
PT 766		- Prepare silkscreen (Photostatic Met)	per SILKSCREEN
PT 768		- Apply emultion on silk screen	per JOB + SILKSCREEN
PT 590	SILKSCREEN	- Paint Logos/Decals with silk screen (single or multicolored logo/decal)	per SIGN + SILKSCREEN
PT 560	BUTTON COPY	- Layout & rivet button copy character(s)	per SIGN + CHARACTER
PT 562		- Rivet button copy outline	per LN FT OUTLINED
PT 525	SIGN STRUCTURAL SUPPORT	- Install on back of blank	per SQ FT

EPS TASK TIME STANDARDS - DESCRIPTIONS AND UNIT HOURS

PT 519 Apply Scotchlite background to metal sign blank. Includes cleaning sign blank, affixing background film to sign blank and processing sign in heat application machine.

000.05443 hours per sign(s)

000.01480 hours per square feet

PT 520 Apply Scotchlite background/sheeting to metal sign blank. Includes cleaning sign blank, affixing background film to sign blank with manual squeeze roll. Does not include processing sig in heat application machine

000.04709 hours per sign(s)

000.00632 hours per square feet

PT 569 Apply Scotchlite character(s) to Scotchlite background. Includes setting sign background film with short heat cycle and affixing letter(s) or number(s) to background film and processing in heat application machine.

000.11014 hours per sign(s)

000.00765 hours per character(s)

PT 564 Apply characters (pressure sensitive overlay letter/number 1 to 13" high), prepared with gerber machine, to previously prepared blank.
Includes: get required material; set up gerber machine; print character(s) with Gerber machine; apply character(s) with transfer tape; roll character(s) with roller; put material asid

000.05310 hours per job(s)

000.00789 hours per character(s)

PT 565 Apply characters (pressure sensitive overlay letter/number 14 to 27" high), prepared with Gerber machine, to previously prepared blank.
Includes: Get required material; set up Gerber machine; print character(s) with Gerber machine; apply character(s) with trans fer tape; roll character(s) with roller; put material aside.

000.05310 hours per job(s)

000.01491 hours per character(s)

PT 501 Brush paint sign blank with primer and finish coat. Includes cleaning of sign blank, application of first and second coat of paint and in-process setup and handling time.

000.01105 hours per sign(s)

000.01687 hours per square feet

PT 552 FREEHAND PAINTING -- Layout and paint letter or number up to 3.5" high, one coat, on previously prepared surface with brush.

000.25000 hours per sign(s)

000.03253 hours per character(s)

PT 553 FREEHAND PAINTING -- Paint additional coat, shadow effect or highlight, to previously painted letter or number up to 3.5" high using brush.

000.01210 hours per character(s)

PT 554 FREEHAND PAINTING -- Layout and paint letter or number, 4" to 6" high, on previously prepared surface. Includes layout letter or number and paint two coats on same using brush.

000.02500 hours per sign(s)

000.04528 hours per character(s)

PT 556 FREEHAND PAINTING -- Layout and paint letter or number, 7" to 15" high, on previously prepared surface. Includes laying out and painting letter or number, two coats, with brush.

000.02500 hours per sign(s)

000.08520 hours per character(s)

PT 558 FREEHAND PAINTING - Layout and paint letter or number, 16" to 24" high, on previously prepared surface. Includes laying out and painting letter or number, two coats, with brush.

000.02500 hours per sign(s)

000.12180 hours per character(s)

PT 580 Prepare stencil and brush paint character on previously prepared surface. Includes preparation of stencil, positioning stencil for use and brush painting characters.

000.05921 hours per sign(s)

000.00200 hours per character(s)

PT 584 Prepare stencil and spray paint character, up to 4" high, on previously prepared surface. Includes preparation of stencil, positioning of stencil for use and spray painting characters.

000.04213 hours per sign(s)

000.00165 hours per character(s)

PT 585 Prepare stencil and spray paint letter, 4" to 7" high, on previously prepared surface. Includes preparation of stencil, positioning stencil for use and spray painting characters.

000.04213 hours per sign(s)

000.00460 hours per character(s)

PT 503 Spray paint sign with primer and finish coat. Includes cleaning of sign blank and application of first and second coat of paint using spray.

000.01545 hours per sign(s)

000.00665 hours per square feet

PT 587 Prepare silk screen and stencil character on previously prepared sign blank. Includes cutting stencil from film, attaching silk screen to frame, adhering stencil to silk, setting up silk screen, stenciling sign and walking about area as necessary.

000.13830 hours per sign(s)

000.00109 hours per character(s)

PT 588 Paint character/logos on previously prepared sign blank or sheeting using silk screen press process.
Includes: Install silk screen and squeegee on silk screen press paint sign using silk screen press; put sign aside; remove, was and put away silk screen and squeegee.--not included: prepare or manufacture silk screen; and sign drying time

000.16612 hours per screen setup(s)

000.02201 hours per sign(s)

PT 589 Prepare silk screen and stencil character on previously prepared equipment or vehicle. Includes cutting stencil from film, attaching silk screen to frame, adhering stencil to silk, setting up silk screen and stenciling sign on object.

000.10130 hours per sign(s)

000.00739 hours per character(s)

PT 765 Manufacture new silk screen. (all frame sizes)
Includes: set up stretching devise and prefabricated frame; stretch mesh on frame; apply glue as required: and wash silk with degreaser-abrasive compound.
Does not include: time for manufacturing frame, and time for glue to dry.

001.41893 hours per silk screen(s)

PT 767 Reclaim silk screen.
(per sq ft of silk screen)
Includes: emulsion removal and dehazing of silk screen

000.06390 hours per job(s)

000.01036 hours per sq ft of silk screen(s) reclaimed

PT 766 Prepare silk screen by using photostatic method.
Includes: placing & setting up silk screen on vacumm frame; burning/radiating silk screen with camera plate burner; final washing of silk screen; and applying "blockout" around open edges of silk screen.

000.46531 hours per silkscreen(s)

PT 768 Apply emulsion on silk screen (up to 10 silk screens per job)
Includes: get emulsion applicator; get and prepare emulsion; ge and set up silk screen(s); apply emulsion on silk screen(s); clean emulsion applicator; and put aside screen(s) and applicator.
not included: emulsion drying time.

000.13378 hours per job(s)

000.03433 hours per silkscreen(s)

PT 590 Paint multicolored decal (up to 48 x 60") on previously prepared sign blank, or sheeting using gerber-layout/silk screen-press-process. Includes: get material; make new silk screen by applying mesh on frame; lay out decal w/image scanner (gerbe process); prepare screen; paint logo/decal on sign blank or sheeting; put aside material. Not included: sign drying time.

002.02201 hours per sign(s) painted (per color)

000.86814 hours per silkscreen(s) prepared (per color)

PT 560 Lay out and rivet "Button Copy" letter/number up to 13" high on previously prepared aluminum blank.
Includes: get and put aside material required.
(Layout is done by tagging Button Copies to printout from Gerbe machine and placing it on sign. Button Copies are rivetted to sign with "pop rivet" gun...holes are drilled beforehand)

000.03391 hours per sign(s)

000.03379 hours per character(s)

PT 562 Rivet "Button Copy" Outline on prepared aluminum sign per linear foot of Button Copy Outline rivetted to sign.
Includes: get material required; set up sign; drill holes on sign; rivet Button Copies to sign with "Pop Rivet" gun; put material aside.

000.01046 hours per linear feet of button copy outline rivetted to sign

PT 525 Install aluminum blank's structural support in preparation to sign installation on sign post(s). (applies to all blank sizes)
Includes: Get material; lay out; cutting of backstrips, z-bars and blank(s); drilling holes on backstrips; installing studs, locking tabs, z-bars, backstrips, stiffeners and post clamps on sign; and put material aside.

000.02956 hours per square feet of sign

TRAFFIC STRIPING: Lines, crosswalks, parking stalls, numbers; position traffic cones; mark static grd. pt.

These standards apply to pavement marking using machines, push type or self-propelled type, that are hand-guided by a walking operator. These task time standards are not intended for applications using riding types of striping machines. The task time standard is for applying one coat, but may be used for multiple coats by occurrencing the unit hours as needed.

Additional preparation time when using a striping machine must be added as required. This time is located in the General Handbook.

TASK TIME STANDARDS LISTING

PT 701	LAY OUT OF PAVEMENT - Traffic stripe, crosswalk or parking stall STRIPING (single line)	per LIN FT or METER
PT 703	ROLLER PAINT- Old traffic stripe with black street marking paint (single line)	per LIN FT or METER
PT 711	PAVEMENT STRIPING WITH PUSH TYPE MACHINE - Traffic stripe (single line)	per LIN FT
PT 715	- Crosswalk (3.5 ft wide w/crosshatching at 2 ft intervals)	per LIN FT
PT 716	PAVEMENT STRIPING WITH PUSH TYPE MACHINE - Crosswalk (3.5 ft wide w/crosshatching at 4 ft intervals)	per LIN FT
PT 717	- Crosswalk (6 ft wide with crosshatching at 4 ft intervals)	per LIN FT
PT 725	- Parking stall (class 2)	per STALL
PT 726	- Parking stall (class 3)	per STALL
PT 731	PAVEMENT STRIPING WITH SELF-PROPELLED MACHINE - Traffic stripe (single line)	per LIN FT
PT 710	PAVEMENT STRIPING WITH PUSH TYPE PLASTIC COATING COMPOUND MACHINE - traffic stripe (single line)	per LIN FT or METER
PT 782	POLYMER TAPE TRAFFIC STRIPING WITH PUSH TYPE MANUAL TAPE APPLICATOR - (single line)	per LIN FT
PT 783	POLYMER TAPE TRAFFIC STRIPING WITH PUSH TYPE MANUAL TAPE APPLICATOR - (double line)	per LIN FT
PT 751	OBJECTS-Numerals (spray stencil 2" to 4" high)	per CHARACTER
PT 171	-Safety stripe (brush corrugated metal surface)	per SQ FT
PT 172	-Safety stripe (brush smooth metal surface)	per SQ FT
PT 173	-Safety stripe (brush wood surface)	per SQ FT
PT 760	TRAFFIC MARKER - (Placement & removal)	per MARKER
PT 791	TRAFFIC CONES - (Placement & removal)	per LN FT or METER
PT 705	Static ground points, mark each-("3-M" flourescent non-skid)	

PT 701 Lay out for traffic stripe, crosswalk, or parking stall-- single line.

000.00141 hours per Linear foot (for ENGLISH SYSTEM USE)

000.00329 hours per Meter (for METER SYSTEM USE)

PT 703 Roller paint old traffic stripe with black street marking paint
Includes: Setup required, sweeping, and roller painting

000.00467 hours per meters of traffic stripe to paint OR

000.00154 hours per linear feet of traffic stripe to paint

PT 711 Spray traffic stripe - single line - push type striping machine.

000.00096 hours per linear feet

PT 715 Spray crosswalk stripe - three and one half(3.5) ft wide with crosshatching at two (2) foot intervals - push type striping machine.

000.00876 hours per linear feet

PT 716 Spray crosswalk stripe - three and one half(3.5) feet wide with crosshatching at four (4) foot intervals - push type striping machine.

000.00518 hours per linear feet

PT 717 Spray crosswalk stripe - six (6) feet wide with crosshatching at four (4) foot intervals - push type striping machine.

000.00486 hours per linear feet

PT 725 Spray stripes for "class 2" parking stall - push type striping machine.

000.02963 hours per stall(s)

PT 726 Spray stripes for "class 3" parking stall - push type striping machine.

000.02072 hours per stall(s)

PT 731 Spray traffic stripe - single line - self propelled machine.

000.00010 hours per linear feet

PT 710 Paint traffic stripe for parking stall using plastic coating compound--single line--push type plastic coating compound machi ne--applicator is to be cleaned every 15 meters (50 feet)-- fas drying compound (by chemical action rather than evaporation); striping machine operated by two men; layout and overpaint not included; throwing reflective beads on traffic stripe included

000.01416 hours per Meters OR

000.00431 hours per Linear Feet

PT 782 Apply polymer type traffic stripe (single line) with manual highway tape applicator (push type) (90 ft roll requiring tamping cart after application) --one man job INCLUDES: set up 90 ft tape in cart, walk to apply tape and tamp 3 times with tamping cart

000.00087 hours per linear feet of applied tape

PT 783 Apply polymer tape traffic stripe (double line) with manual highway tape applicator (push type) (90 ft roll requiring tamping cart after application) --one man job INCLUDES: set up tapes in cart each 90 ft, walking time to lay, and tamping 3 times with tamping cart.

000.00156 hours per linear feet of pavement

PT 751 Initial spray or re-spray two (2) 2" to 4" high identification characters on parking stall surface.

000.00915 hours per character(s)

PT 171 Brush paint safety stripes on corrugated metal surface. Incl- udes application of paint, in-process setup and handling time and additional job preparation time for painting.

000.21470 hours per square feet

PT 172 Brush paint safety stripes on sheet metal surface. Includes application of paint, in-process setup and handling time and additional job preparation time for painting.

000.04223 hours per square feet

PT 173 Brush paint safety stripes on wood panel surface. Includes application of paint, in-process setup and handling time and additional job preparation time for painting.

000.06965 hours per square feet

PT 760 Placement and removal of traffic markers.

000.00979 hours per marker(s)

PT 791 Place and remove traffic cone(s) approximately 10 feet apart (or about 3 meters apart).
Includes: handling cones, walking required, and placing/removin cone(s)

000.00049 hours per linear feet or

000.00160 hours per meters

PT 705 Mark static ground points with "3-M" fluoresecent non-skid, marking ring. Includes: wire brush surface, apply glue to set, remove paper backing, position marker, roll marker flat.

000.11903 hours per MARKER

GLAZING: Install, replace glass window panes in wood or metal sashes.

These standards apply to installing glass in doors or windows that are within reach when standing. Task time standards for surface preparation and ladder use must be added as required.

The removal and installation of framed window screens has been developed as a separate task time standard. It is added when it is necessary to remove a screen to gain access to a pane that needs work.

TASK TIME STANDARDS LISTING

PT 201	INSTALL GLASS PANE IN NEW WOOD SASH - 14" X 20" to 24" X 24" (cutting of glass req'd - reg strgth)	per PANE
PT 202	- 24" X 24" to 36" X 36"	per PANE
PT 241	- 12" X 14"	per WINDOW
PT 203	INSTALL GLASS PANE IN NEW WOOD SASH - UP to 24" X 24" (precut glass - regular strength)	per PANE
PT 204	- 24" X 24" to 36" X 36"	per PANE
PT 211	REMOVE AND INSTALL GLASS PANE IN STEEL SASH - Up to 24" X 24" (cutting of glass required - wire inserted)	per PANE
PT 212	REMOVE AND INSTALL GLASS PANE IN STEEL SASH - Up to 24" X 24" (precut glass - wire inserted)	per PANE
PT 213	REMOVE AND INSTALL GLASS PANE IN WOOD SASH - Up to 24" X 24" (cutting of glass required - reg. strength)	per PANE
PT 214	- 36" X 36"	per PANE
PT 215	REMOVE AND INSTALL GLASS PANE IN WOOD SASH - 14"X 20"to 24"X 24" (precut glass - regular/double strength)	per PANE
PT 216	REMOVE AND INSTALL GLASS PANE IN WOOD SASH - 24"X 24"to 36"X 36" (precut glass - regular strength)	per PANE
PT 221	REMOVE AND INSTALL PUTTY IN STEEL SASH - 6 ft 9"X 6 ft 9" window ten panes	per PANE
PT 222	REMOVE AND INSTALL PUTTY IN WOOD SASH - One pane - 8" X 10"	per PANE
PT 223	- 24" X 24" sash, 6 panes over 6 panes	per PANE
PT 224	- 30" X 30" sash, one pane over one pane	per PANE
PT 225	- 36" X 36" sash, one pane	per PANE
PT 231	REMOVE AND INSTALL ACCESS ITEMS - Remove and install window screen	per SCREEN

PT 201 GLAZING -- Install glass pane (24" x 24") in new wood sash. Includes installation of pane of glass and cutting glass to size. No removal of glass included.

000.16697 hours per panes

PT 202 GLAZING -- Install large size glass pane (24"x24" to 36"x36") in new wood sash. Includes installation of pane of glass, cutting of glass to size and additional material handling. No removal of glass included.

000.24196 hours per panes

PT 241 GLAZING -- Install glass panes (12" X 14") in new wood sash window, six panes over six panes. Includes installation of panes of new glass and cutting of glass to size.

002.00364 hours per window(s)

PT 203 GLAZING -- Install medium size precut glass pane (to 24"x24" in size) in wood sash. No removal of glass included.

000.13604 hours per panes

PT 204 GLAZING -- Install large size precut glass pane (to 36"x36" in size) in new wood sash. Includes installation of pane of glass and additional material handling. No removal of glass included

000.21103 hours per panes

PT 211 GLAZING -- Remove and install small to medium size wire inserted glass pane(to 24"x24" in size). Includes removal of broken pieces of glass, installation of new pane of glass and cutting of wire inserted glass to size.

000.79913 hours per panes

PT 212 GLAZING -- Remove and install small to medium size wire inserted precut glass pane (to 24"x24" in size) in steel sash. Include removal of broken pieces of glass and installation of new precu wire inserted pane of glass.

000.76820 hours per panes

PT 213 GLAZING -- Remove and install glass pane (to 24"x24" in size) in wood sash. Includes removal of pieces of broken glass, install ation of new pane of glass and cutting of glass to size.

000.46592 hours per panes

PT 214 GLAZING -- Remove and install large size glass pane (to 36"X 36" in size) in wood sash. Includes removal of broken pieces of glass, installation of new pane of glass, and cutting of glass to size.

000.64154 hours per panes

PT 215 GLAZING -- Remove and install precut glass pane (14"x20") in wood sash. Includes removal of pieces of broken glass and installation of new precut pane of glass.

000.20203 hours per panes

PT 216 GLAZING -- Remove and install large size precut glass pane (to 36" X 36" in size) in wood sash. Includes removal of pieces of broken glass and installation of new precut pane of glass.

000.57968 hours per panes

PT 221 GLAZING -- Remove and install all putty around one of ten glass panes in a 6 ft. x6 ft. 9" steel sash.

000.78121 hours per panes

PT 222 GLAZING -- Remove and install all putty around a 8" x 10" glass pane in a wood sash.

000.22284 hours per panes

PT 223 GLAZING -- Remove and install all putty around one glass pane on a 24" X 24" wood sash of a double hung window (six panes over six panes).

000.24760 hours per panes

PT 224 GLAZING -- Remove and install all putty around one glass pane in a 30" X 30" wood sash of a double hung window (one pane over on pane).

000.74280 hours per panes

PT 225 GLAZING -- Remove and install all putty around 36" X 36" glass pane in a wood sash window.

000.89136 hours per panes

PT 231 Remove window screen to gain access and replace after job is completed.

000.04880 hours per screen

"Easy removal" refers to the old wallpaper being removed without any additional effort (such as scraping wallpaper remains off, wallpaper/wall adhesion too strong to be pulled off with hands or scraper alone on first try, etc.)

TASK TIME STANDARDS LISTING

PT 689	REMOVE	-Wallpaper (easy removal with hands) steaming/soaking not involved	per SQ FT
PT 690	INSTALL	-Wallpaper (20-30 inches wide) VINYL, vinyl coated, (VINYL-NONPREPASTED TYPE)	
PT 692	INSTALL	-Wallpaper (20-30 inches wide) VINYL, vinyl coated, (VINYL-PREPASTED TYPE)	
PT 691	INSTALL	-Wallpaper (50-60 inches wide) VINYL, vinyl coated, (VINYL-NONPREPASTED TYPE)	

EPS TASK TIME STANDARDS - DESCRIPTIONS AND UNIT HOURS

PT 689 Remove old wallpaper (easy removal)
steaming/soaking not involved

000.00224 hours per square feet of wall

PT 690 Install wallpaper to painted or prepared wall. Non prepasted, vinyl coated, 20 to 30 inches wide, per square feet of wall where wallpaper matching is not required. INCLUDES: all actions to measure & cut, apply paste/glue, fold, walking reqd., position paper, cut and roll out as required.
(ladder time included)

000.01309 hours per square feet of wall

PT 692 Install wallpaper to painted or prepared wall. Prepasted, vinyl coated, 20 to 30 inches wide, per sq ft of wall where wallpaper matching is not required. INCLUDES: all actions required to measure & cut, soak, fold, walking required, position paper, cut and roll out as required.
(ladder time included)

000.00892 hours per square feet of wall

PT 691 Install wallpaper to painted or prepared wall. Non prepasted, vinyl coated, 50 to 60 inches wide, per square feet of wall where wallpaper matching is not required. INCLUDES: all actions to measure & cut, apply paste/glue, fold, walking required, position paper, cut and roll out as required.
(ladder time included)

000.01140 hours per square feet of wall

Depending on the method of finish being used, a specific type of applicator might be required. Unless stated, surface preparation time must be added.

TASK TIME STANDARDS LISTING

PT 793	WOOD FLOOR - Polyurethane refinishing	per SQ FT per # COATS
PT 355	- Paint finish	per SQ FT
PT 360	CONCRETE FLOOR - Epoxy finish	per SQ FT

EPS TASK TIME STANDARDS - DESCRIPTIONS AND UNIT HOURS

PT 793 Refinish wood floor with polyurethane (remove old polyurethane finish using sandscreen disks)
Includes: removing old polyurethane finish, applying coat(s) of polyurethane on floor, and job preparation time.
Not included: waiting for polyurethane to dry

000.00425 hours per square feet of floor

000.00198 hours per coats of polyurethane applied

PT 355 Roller paint floor (smooth surface) per coat of paint.
Includes: get and aside material required, mix paint, pour pain into pail, roller paint.
Not included: cut in, waiting for paint to dry

000.00253 hours per square feet of floor painted

PT 360 Apply water based, two part epoxy coating with roller to concrete floor per coat of epoxy.
Includes: get and aside material required; sweep; open and clos can of base and activator; mix base with activator; pour epoxy into bucket; dip roller into bucket as required; apply epoxy with roller Not included: cut in; wait for epoxy to dry

000.00572 hours per square feet

The encapsulating standards cover applying liquid encapsulant (8-10 mils thick) with roller to wall that is within reach when standing or when using an extension handle. Task time standards for surface preparation and ladder use must be added as required

Three degrees of Sandblasting:

(1)"Commercial blast" is generally adequate for the long life of the majority of paint systems under normal exposure conditions.

(2)"Near white metal" is adequate when using paints developed for long term protection in moderately severe environments.

(3) "White metal blast" is 100% free of all foreign substances.

For tasks developed for testing of lead paint in this chapter: The instrument called MAP portable Spectrum Analyzer, which gives readings in milligrams of lead per sq. centimeter, is used.

The variable "UNIT" refers to: housing unit, bld unit, playground, etc. A "unit" might have 7 windows, 5 doors, stair, etc.

TASK TIME STANDARDS LISTING

PT 365	ENCAPSULATING - Wall ("cut-in" not included)	per SQ FT
PT 370	- Wall ("cut-in" not included)	per SQ FT
PT 375	- Ceiling ("cut-in" included)	per SQ FT
PT 665	VACUUM BLASTING - stucco, masonry or concrete surfaces	per SQ FT
PT 666	- slightly rounded metal surfaces (Commercial Blast)	per SQ FT
PT 667	VACUUM BLASTING - flat/slightly rounded metal surfaces (Near White Metal Blast)	per SQ FT
PT 668	- flat/slightly rounded metal surfaces (White Metal Blast)	per SQ FT
PT 669	- metal beams/other structural members (Commercial Blast)	per SQ FT
PT 670	VACUUM BLASTING - metal beams/other structural members (Near White Metal Blast)	per SQ FT
PT 671	- metal beams/other structural members (White Metal Blast)	per SQ FT
PT 655	CHEMICAL STRIPPING - "Peel-Away" method	per SQ FT
	(wood, stucco, masonry, or concrete)	per JOB
PT 656	CHEMICAL STRIPPING - "Peel-Away" method	per SQ FT
	(steel surface or structure)	per JOB
PT 657	- "Methylene Chloride stripper"	per SQ FT
	(concrete floor)	per JOB
PT 890	XRF METHOD OF LEAD TESTING - door and trim	per DOOR
		per UNIT
PT 891	XRF METHOD OF LEAD TESTING - window and trim	per WINDOW
		per UNIT

PT 892	- wall and trim	per OCCUR per UNIT
PT 893	- stairs and trim	per STAIRS per UNIT
PT 894	OBTAIN SAMPLE FOR LEAD TESTING - dust	per UNIT
PT 895	- soil	per AREA
PT 896	VACUUM NEEDLE GUN - concrete or metal surfaces (flat/slightly rounded)	per SQ FT
PT 897	- concrete or metal surfaces (edges and corners)	per LN FT
PT 900	WASH W/DETERGENT FOR LEAD DUST REMOVAL- suit up	per JOB
PT 898	- door (2 sides)	per DOOR
PT 899	- window(1 side)	per SQ FT
PT 901	- floor	per SQ FT
PT 902	- wall	per SQ FT
PT 905	VACUUM & POWER BRUSH AIR DUCT'S INTERIOR WALLS-ceiling	per LN FT
PT 906	VACUUM & POWER BRUSH AIR DUCT'S INTERIOR WALLS - floor	per LN FT
PT 909	SANITIZE AND DEODORIZE AIR DUCT - w/hand held fogger	PER OUTLET

EPS TASK TIME STANDARDS - DESCRIPTIONS AND UNIT HOURS

PT 365 Apply one coat (8-10 mils thick) of liquid lead encapsulant to wall (flat interior or exterior surface) with roller. Includes: application of encapsulant with roller and additional job preparation for encapsulanting. Not included: Ladder or scaffold setup and use

000.00275 hours per square feet of wall

PT 370 Apply one coat (8-10 mils thick) of liquid encapsulant over lead base paint on walls of a room with 8 ft to 10 ft high ceil ling w/roller. Includes: "cut in" as required w/brush; applying liquid encapsulant to walls using roller; and additional job preparation for encapsulant. Not included: ladder or scaffold setup and use.

000.00415 hours per square feet of wall

PT 375 Apply one coat (8-10 mils thick) of liquid encapsulant over lead base paint to ceiling with roller. Includes: "cut-in" as requi red with brush; applying liquid encapsulant to ceiling (flat surface) using roller; and additional job preparation for encap sulant. Not included: ladder or scaffold setup and use

000.00377 hours per square feet of ceiling

PT 665 Vacuum blast stucco, masonry or concrete surface using sand, steel grit, aluminum oxide or other light abrasive. (2 men job) Includes: load abrasive into pot; start and check pot and com- pressor; vacuum blast surface; and inspect surface after blasting.

000.00713 hours per square feet

PT 666 Vacuum blast flat or slightly rounded metal surface using sand, steel grit, aluminum oxide or other liqht abrasive. 2 men job. (commercial blast)
Includes: load abrasive into pot; start and check pot and compressor; vacuum blast surface; and inspect surface after blasting.

000.01874 hours per square feet

PT 667 Vacuum blast flat or slightly rounded metal surface using sand, steel grit, aluminum oxide or other light abrasive. 2 men job. (near white metal blast)
Includes: load abrasive into pot; start and check pot and compresor; vacuum blast surface; and inspect surface after blasting.

000.03772 hours per square feet

PT 668 Vacuum blast flat or slightly rounded metal surface using sand, steel grit, aluminum oxide or other light abrasive. 2 men job. (white metal blast)
Included: load abrasive into pot; start and check pot and compressor; vacuum blast surface; and inspect surface after blasting.

000.06532 hours per square feet

PT 669 Vacuum blast metal beams, trusses or other structural members using sand, steel grit, aluminum oxide or other light abrasive. 2 men job. (commercial blast)
Includes: load abrasive into pot; start and check pot and compressor; vacuum blast structural member; and inspect surface after blasting.

000.03433 hours per square feet

PT 670 Vacuum blast metal beams, trusses or other structural members using sand, steel grit, aluminum oxide or other light abrasive. 2 men job. (near white metal blast)
Included: load abrasive into pot; start and check pot and compressor; vacuum blast structural member; and inspect surface after blasting.

000.06981 hours per square feet

PT 671 Vacuum blast metal beams, trusses or other structural members using sand, steel grit, aluminum oxide or other light abrasive. 2 men job. (white metal blast)
Includes: load abrasive into pot; start and check pot and compressor; vacuum blast structural member; and inspect surface after blasting.

000.12141 hours per square feet

PT 655 Strip lead based paint (up to 15 layers per use) from wood, stucco, masonry, or concrete surface with chemical stripping process ("Peel-away method). INCLUDES: install containment sys tem; spray stripper; cover surface with cloth; scrape cloth and paint; rinse; spray neutralizer; final rinse; visual inpection NOT INCLUDED: ladder/scaffold time; waste disposal time.

000.02160 hours per square feet

000.42592 hours per job(s)

PT 656 Strip lead based paint (up to 15 layers) from steel surface, beam, trusses or other steel structural member with chemical stripping process ("Peel-away" method) per use. INCLUDES: erect waste containment trough system; spray stripper; scrape paint; rinse; spray neutrilizer; final rinse; visual inspection NOT INCLUDED: ladder/scaffold time; waste disposal time

000.01921 hours per square feet

000.50824 hours per job(s)

PT 657 Strip lead based paint from concrete floor using methylene chloride stripper
Includes: pour stripper on floor; spread on a section (10 ft wide) with push broom; squeegee stripper and removed paint to adjacent section; pour more stripper as needed
Not included: final scrubing, waste removal

000.01472 hours per 100 square feet

000.11688 hours per job(s)

PT 890 Test paint for lead (XRF method) on door & trim.
(Including: casing, sill, door jamb, door stop)
included: calibrate spectrum analyzer, inspect w/spectr.analyze
Not included: ladder/scaffold time, fill out report, download
The variable "unit(s)" refers to housing unit, or bld unit, or section unit, etc.

000.10585 hours per door(s)

000.01700 hours per unit(s)

PT 891 Test paint for lead (XRF method) on window and trim.
Including: casing, stool, apron, sill
Included: calibrate spectrum analyzer, inspect w/spectr.analyze
Not included: ladder/scaffold time, fill out report, download.
The variable "unit(s)" refers to housing unit, or bld unit, or section unit, etc.

000.11420 hours per window(s)

000.01700 hours per unit(s)

PT 892 Test paint for lead (XRF method) on wall and trim.
(Including: baseboard, crown molding, wainscot, chair rail)
Included: ladder time (crown molding), calibrate & test for lea
Not included: time to fill out report, download.
The variable "unit(s)" refers to housing unit, or bld unit, or section unit, etc.

000.15576 hours per occur(s)

000.01700 hours per unit(s)

PT 893 Test paint for lead (XRF method) on stairs
(Including: baluster, handrail, newel post, risers, treads, baseboard) Included: calibrate spectrum analyzer, and test pain
Not included: ladder/scaffold time, fill out report, download.
The variable "unit(s) is housing unit, or bld unit, or section unit, etc.

000.12314 hours per stairs

000.01700 hours per unit(s)

PT 894 Obtain dust samples to be tested for lead hazards. per unit
Includes: wipe sample area, and place wipe in sample bag.
Not included: testing dust for lead hazards, fill out report.
Assume a unit has 5 rooms and requires 10 samples

000.10130 hours per unit(s)

PT 895 Obtain soil samples to be tested for lead hazards. per area
Includes: scoop soil, place soil in sample bag, and clean scoop
Not included: testing soil for lead hazards, fill out report.
Average area is over 140 sq ft and requires 10 samples.

000.12870 hours per area(s)

PT 896 Remove lead based paint (LBP) from flat or slightly rounded metal or concrete surfaces using dustless needle gun.
Includes: remove LBP with needle gun-vacuum; remove and place or replace waste drum; inspect surfaces after process

000.04997 hours per square feet of surface

PT 897 Remove lead based paint (LBP) from edges and corners on metal or concrete surfaces using dustless needle gun.
Includes: remove LBP with needle gun-vacuum; inspect surfaces after process

000.03335 hours per linear feet

PT 900 Don and remove protective clothing (coveralls, gloves, and goggles)
Includes: don and remove protective clothing; and masking wrist with tape after putting on gloves and coveralls.

000.10140 hours per job(s)

PT 898 Wash door with a detergent developed for lead contaminated dust removal. (typical door: 3 ft x 7 ft)
Includes: prepare cleaning solution; and wash door (both sides frame). Not included: carry out post-washing procedures such as final HEPA vacuuming and waste disposal; and don & remove protective clothing (see PT-900).

000.14877 hours per door(s)

PT 899 Wash window with a detergent developed for lead contaminated dust removal. Per side or wash glass partitions; per square foot. Includes: prepare cleaning solution; wash window using ladder. Not included: don and remove protective clothing (see PT-900); carry out post-washing procedures such as final HEPA vacuuming and waste disposal.

000.00265 hours per square feet of window

PT 901 Mop floor with a detergent developed for lead contaminated dust removal.
Includes: prepare bucket with cleaning solution; mop floor
Not included: carry out post-washing procedures such as final HEPA vacuuming and waste disposal; and don and remove protectiv clothing (see PT-900)

000.00057 hours per square feet of floor

PT 902 Wash wall with detergent developed for lead contaminated dust removal.
Includes: prepare cleaning solution and wash walls using ladder as required. Not Included: carry out post-washing procedure such as final HEPA vacuuming and waste disposal; & don and remo ve protective clothing (see PT-900).

000.00385 hours per square feet of wall

PT 905 Vacuum and Power Brush (up to 16" diameter) interior walls of ceiling air duct all the way to the air plenum working from ladder. (Rotobush method)
Not included: Remove and install air vent registers; cleaning air plenun, evaporator coils, fan, condenser pan, and air vent registers.

000.00272 hours per linear feet of air duct

000.08833 hours per duct systems (ventilation or air conditioni ng duct systems)

PT 906 Vacuum and Power Brush (up to 16" diameter) interior walls of floor air duct all the way to the air plenum.
(Rotobrush method)
Not included: Remove and install air vent registers; cleaning air plenum, evaporator coils, fan, condencer pan, & air vent registers.

000.01113 hours per linear feet of air duct

000.01568 hours per duct systems (ventilation or air conditioning duct systems)

PT 909 Sanitize and deodorize air duct with hand held fogger.
(Residential HVAC system)
Not included: mixing solution, filling fogger's tank with solution, covering/uncovering other vents, placing/removing drop cloth, removing and installing air registers, ladder time.

000.04908 hours per outlets

TASK TIME STANDARDS DEVELOPMENT BACKUP

PT 101 1 APPLY ONE COAT OF PAINT ON CELO-TEX FIBER BLOCK OR ACOUSTICAL CEILING WITH BRUSH *WITHOUT LADDER OR
2 IN-PROCESS SETUP AND HANDLING TIME *WITHOUT LADDER OR SCAFFOLD
3 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *ASSUME AN AVERAGE OF 350 SQ FT / GAL--WITHOUT *LADDER

PT 102 1 APPLY ONE COAT OF PAINT ON CLAPBOARD SURFACE WITH BRUSH *WITHOUT LADDER OR SCAFFOLD
2 IN-PROCESS SETUP AND HANDLING TIME *WITHOUT LADDER OR SCAFFOLD
3 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *ASSUME AN AVERAGE OF 400 SQ FT / GAL--WITHOUT *LADDER

PT 103 1 APPLY ONE COAT OF PAINT ON FLAT CONCRETE SURFACE WITH BRUSH *WITHOUT LADDER OR SCAFFOLD
2 IN-PROCESS SETUP AND HANDLING TIME *WITHOUT LADDER OR SCAFFOLD
3 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *ASSUME AN AVERAGE OF 300 SQ FT / GAL--WITHOUT *LADDER

PT 104 1 APPLY ONE COAT OF PAINT ON CORRUGATED OR PERFOR- ATED METAL SURFACE WITH BRUSH *WITHOUT LADDER OR SC
2 IN-PROCESS SETUP AND HANDLING TIME *WITHOUT LADDER OR SCAFFOLD
3 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *ASSUME AN AVERAGE OF 500 SQ FT / GAL--WITHOUT *LADDER

PT 105 1 APPLY ONE COAT OF PAINT ON EXPANDED METAL (ONE SIDE) WITH BRUSH *WITHOUT LADDER OR SCAFFOLD
2 IN-PROCESS SETUP AND HANDLING TIME *WITHOUT LADDER OR SCAFFOLD
3 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *ASSUME AN AVERAGE OF 500 SQ FT / GAL--WITHOUT *LADDER

PT 106 1 APPLY ONE COAT OF PAINT ON FINISHED/SMOOTH METAL SURFACE WITH BRUSH *WITHOUT LADDER OR SCAFFOLD
2 IN-PROCESS SETUP AND HANDLING TIME *WITHOUT LADDER OR SCAFFOLD
3 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *ASSUMES AN AVERAGE OF 500 SQ FT / GAL--WITHOUT *LADDER

PT 107 1 APPLY ONE COAT OF PAINT ON TERRA COTTA BLOCK WITH BRUSH *WITHOUT LADDER OR SCAFFOLD
2 IN-PROCESS SETUP AND HANDLING TIME *WITHOUT LADDER OR SCAFFOLD
3 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *ASSUME AN AVERAGE OF 500 SQ FT / GAL--WITHOUT *LADDER

PT 108 1 APPLY ONE COAT OF PAINT ON WOOD, PLYWOOD OR PLAS- TERED SURFACE WITH BRUSH *WITHOUT LADDER OR SCAFFO
2 IN-PROCESS SETUP AND HANDLING TIME *WITHOUT LADDER OR SCAFFOLD
3 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *ASSUME AN AVERAGE OF 400 SQ FT / GAL--WITHOUT *LADDER

PT 121 1 APPLY A COAT OF PAINT ON DOOR PANEL(S) OR SIDE(S) WITH BRUSH
2 IN-PROCESS SET UP AND HANDLING TIME
3 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE D ON AN AVERAGE OF 400 SQ FT / GAL

PT 122 1 APPLY ONE COAT OF PAINT ON DOOR EDGES WITH BRUSH
2 IN-PROCESS SET UP AND HANDLING TIME
3 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE D ON AVERAGE OF 400 SQ FT / GAL AND EACH *SQ FT EQ

PT 123 1 APPLY ONE COAT OF PRIMER OR PAINT ON DOOR JAMB AND CASING OR DOORWAY AND CASING WITH BRUSH *BRUSH PA
2 IN-PROCESS SET-UP AND HANDLING TIME *FOR EDGE AND FACE OF CASING, FOR DOOR JAMB OR *DOORWAY (3 SURFA
3 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE ON AN AVERAGE OF 400 SQ FT / GAL AND EACH *SQ FT

PT 124 1 APPLY ONE COAT OF PAINT ON METAL GRILLE USING 5" B RUSH
2 IN-PROCESS SETUP AND HANDLING TIME
3 ADDITION JOB PREPARATION TIME FOR PAINTING *BASED ON AN AVERAGE OF 500 SQ FT / GAL

PT 125 1 APPLY ONE COAT OF PAINT ON 4" GUTTER USING BRUSH
2 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE D ON AN AVERAGE OF 500 SQ FT / GAL AND EACH *SQ FT

PT 126 1 APPLY ONE COAT OF PAINT ON 1/2" TO 1-1/2" DIA PIPE WITH BRUSH
2 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE D ON AN AVERAGE OF 500 SQ FT / GAL AND EACH *SQ FT

PT 127 1 APPLY ONE COAT OF PAINT ON OVER 1-1/2" DIA TO 4" O R COLUMN WITH BRUSH
2 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE D ON AN AVERAGE OF 500 SQ FT / GAL AND EACH *SQ FT

PT 128 1 APPLY ONE COAT OF PAINT ON OVER 4" DIA TO 8" DIA P IPE WITH BRUSH
2 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE D ON AN AVERAGE OF 500 SQ FT / GAL AND EACH *SQ FT

PT 129 1 APPLY COAT OF PAINT ON FASCIA, 2 SIDES AND 1 EDGE
2 APPLY COAT OF PAINT ON RAFTERS, 2 SIDES AND 1 EDGE
3 APPLY COAT OF PAINT ON EAVE SECTION *200FT X 2.5FT OVERHANG = 500 SQ FT *500 / 200 =
4 APPLY COAT OF PAINT ON EAVE BLOCKS, 2 SURFACES *20 0FT X 2 SURFACES = 400 LIN FT *400FT / 200FT =
5 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE D ON AN AVERAGE OF 400 SQ FT / GAL AND EACH *SQ FT

PT 131 1 APPLY ONE COAT OF PAINT ON WOOD, PLYWOOD AND PLAS-
TERED SURFACE UP TO 6" IN WIDTH USING A BRUSH *BA
2 IN-PROCESS SET UP AND HANDLING TIME
3 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE
D ON AN AVERAGE OF 400 SQ FT / GAL AND EACH *SQ FT

PT 132 1 APPLY ONE COAT OF PRIMER OR PAINT ON DOOR CASING W
ITH BRUSH *ASSUME AVERAGE DOOR SIZE OF 3FT X 7FT *
2 APPLY COAT OF PRIMER OR PAINT ON DOOR JAMB WITH BR
USH *ASSUME AVERAGE DOOR SIZE OF 3FT X 7FT --PAINT
3 IN-PROCESS SETUP AND HANDLING TIME *34 LIN FT + 17
LIN FT = 51 LIN FT--WITHOUT LADDER *OR SCAFFOLD
4 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *ASSU
ME AN AVERAGE OF 400 SQ FT / GAL AND 1 SQ FT *EQUA

PT 133 1 RAISE AND LOWER (2) SASHES *WITHOUT LADDER OR SCAF
FOLD
2 APPLY COAT OF PRIMER OR FINISH COAT OF PAINT ON WI
NDOW SASHES AND RELATED TRIM MATERIAL WITH BRUSH *
3 WIPE PAINT FROM GLASS PANES *ASSUME ONCE PER FOUR
LIN FT OF GLASS PANE *BASED ON AN AVERAGE OF 168 L
4 IN-PROCESS SET UP AND HANDLING TIME *AVERAGE OF 11
0 LIN FT PER ONE SIDE OF WINDOW *WITHOUT LADDER OR
5 ADDITION JOB PREPARATION TIME FOR PAINTING *ASSUME
AN AVERAGE OF 400 SQ FT / GAL AND 1 SQ FT *EQUALS

PT 134 1 RAISE AND LOWER (2) SASHES *WITHOUT LADDER OR SCAF
FOLD
2 APPLY COAT OF PRIMER OR FINISH COAT OF PAINT ON WI
NDOW SASHES AND RELATED TRIM MATERIALS *AVERAGE OF
3 WIPE PAINT FROM GLASS PANES *ASSUME ONCE PER FOUR
LIN FT OF GLASS PANE *BASED ON AN AVERAGE OF 168 L
4 IN-PROCESS SET UP AND HANDLING TIME *AVERAGE OF 13
2 LIN FT PER ONE SIDE OF WINDOW *WITHOUT LADDER OR
5 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *ASSU
ME AN AVERAGE OF 400 SQ FT / GAL AND 1 SQ FT *EQUA

PT 135 1 RAISE AND LOWER (2) SASHES *WITHOUT LADDER OR SCAF
FOLD
2 APPLY COAT OF PRIMER OR FINISH COAT OF PAINT ON WI
NDOW SASHES AND RELATED TRIM MATERIAL WITH BRUSH *
3 WIPE PAINT FROM GLASS PANES *ASSUME ONCE PER FOUR
LIN FT OF GLASS PANE *BASED ON AN AVERAGE OF 168 L
4 IN-PROCESS SET UP AND HANDLING TIME *AVERAGE OF 16
2 LIN FT PER ONE SIDE OF WINDOW *WITHOUT LADDER OR
5 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *ASSU
ME AN AVERAGE OF 400 SQ FT / GAL AND 1 SQ FT *EQUA

PT 136 1 APPLY ONE COAT OF PRIMER OR PAINT ON DOOR PANEL WI
TH BRUSH *ONE SIDE USING 4" WIDE BRUSH--ASSUME AVE
2 APPLY ONE COAT OF PRIMER OR PAINT ON DOOR EDGES WI
TH BRUSH *ASSUME AVERAGE DOOR SIZE OF 3FT X 7FT --
3 IN-PROCESS SET UP AND HANDLING TIME *21 SQ FT--WIT
HOUT LADDER OR SCAFFOLD
4 IN-PROCESS SET UP AND HANDLING TIME *17 LIN FT--WI
THOUT LADDER OR SCAFFOLD
5 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *ASSU
ME AN AVERAGE OF 400 SQ FT PER GAL AND 1 SQ *FT EQ

PT 151 1 APPLY ALUMINUM COAT ON WATERPROOF TAR SURFACE (NEW) WITH 4" BRUSH
2 IN-PROCESS SETUP AND HANDLING TIME
3 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE D ON AN AVERAGE OF 500 SQ FT / GAL

PT 152 1 APPLY FINISH COAT OF ENAMEL PAINT ON METAL SURFACE WITH 4" BRUSH
2 IN-PROCESS AND HANDLING TIME
3 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE D ON AN AVERAGE OF 500 SQ FT / GAL

PT 153 1 APPLY ONE COAT OF RED LEAD ON METAL SURFACE USING BRUSH
2 IN-PROCESS SETUP AND HANDLING TIME
3 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE D ON AN AVERAGE OF 5OO SQ FT / GAL

PT 154 1 APPLY COAT OF SHELLAC ON WOOD OR PLASTER SURFACE U SING BRUSH
2 IN-PROCESS SETUP AND HANDLING TIME
3 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE D ON AN AVERAGE OF 300 SQ FT / GAL

PT 155 1 PRIME COAT METAL WITH ZINC CHROMATE USING 4" BRUSH
2 IN-PROCESS SETUP AND HANDLING TIME
3 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE D ON AN AVERAGE OF 500 SQ FT / GAL

PT 156 1 VARNISH ONE COAT ON WOOD WITH 3" TO 4" BRUSH
2 IN-PROCESS SET UP AND HANDLING TIME
3 ADDITIONAL JOB PREPARATION FOR PAINTING

PT 163 1 APPLY COAT OF PAINT ON WOOD TRIM/STRIP UP TO 3" WI DE WITH BRUSH
2 IN-PROCESS SET UP AND HANDLING TIME
3 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *ASSU ME AN AVERAGE OF 400 SQ FT / GAL AND ONE *SQ FT EQ

PT 171 1 PAINT SAFETY STRIPE ON CORRUGATED METAL WITH 1" WI DE BRUSH
2 ADDITIONAL JOB PREPARATION FOR PAINTING *BASED ON AN AVERAGE OF 500 SQ FT / GAL

PT 172 1 PAINT SAFETY STRIPE ON SMOOTH METAL WITH 1" WIDE B RUSH
2 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE D ON AN AVERAGE OF 500 SQ FT / GAL

PT 173 1 PAINT SAFETY STRIPE ON WOOD SURFACE WITH 1" BRUSH
2 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE
D ON AN AVERAGE OF 400 SQ FT / GAL

PT 201 1 INSTALL PANE IN NEW WOOD SASH ON JOB SITE WHERE NO
GLASS IS TO BE REMOVED (PANE 14" X 20" - ONE PERS
2 CUT AVERAGE SIZE PANE OF WINDOW GLASS

PT 202 1 INSTALL PANE IN NEW WOOD SASH ON JOB SITE WHERE NO
GLASS IS TO BE REMOVED W/MINIMUM DIMENSIONS OF 24
2 CUT AVERAGE SIZE PANE OF WINDOW GLASS
3 ADDITIONAL MATERIAL HANDLING

PT 203 1 INSTALL PANE IN NEW WOOD SASH ON JOB SITE WHERE NO
GLASS IS TO BE REMOVED (PANE 14" X 20" - ONE PERS

PT 204 1 INSTALL PANE IN NEW WOOD SASH ON JOB SITE WHERE NO
GLASS IS TO BE REMOVED WITH MINIMUM DIMENSIONS OF
2 ADDITIONAL MATERIAL HANDLING

PT 211 1 REMOVE AND INSTALL EXTRA HEAVY WIRE INSERTED WIN-
DOW PANE IN STEEL SASH 14" X 20" (ONE PERSON)
2 CUT AVERAGE SIZE PANE OF WINDOW GLASS.

PT 212 1 REMOVE AND INSTALL EXTRA HEAVY WIRE INSERTED WIN D
OW PANE IN STEEL SASH 14" X 20" (ONE PERSON)

PT 213 1 REMOVE AND INSTALL AVERAGE SIZE WINDOW PANE IN WOO
D SASH --TWO PEOPLE
2 CUT AVERAGE SIZE PANE OF WINDOW GLASS

PT 214 1 REMOVE AND INSTALL WINDOW PANE IN WOOD SASH - TWO
PEOPLE ARE REQUIRED. REPLACE PANE WITH MINIMUM DIM
2 CUT AVERAGE SIZE PANE OF WINDOW GLASS

PT 215 1 REMOVE AND INSTALL AVERAGE SIZE WINDOW PANE IN WOO
D SASH (ONE PERSON)

PT 216 1 REMOVE AND INSTALL WINDOW PANE IN WOOD SASH WHEN T
WO MEN ARE REQUIRED. REPLACE PANE WITH MINIMUM DIM

PT 221 1 REMOVE DETERIORATED PUTTY IN VARIOUS PLACES ON STE
EL SASH AND REPLACE WITH NEW PUTTY (ONE PERSON)

PT 222 1 REMOVE DETERIORATED PUTTY IN VARIOUS PLACES ON WOO
D SASH AND REPLACE WITH NEW PUTTY (ONE PERSON)

PT 223 1 REMOVE DETERIORATED PUTTY IN VARIOUS PLACES ON WOO
D SASH AND REPLACE WITH NEW PUTTY (ONE PERSON)

PT 224 1 REMOVE DETERIORATED PUTTY IN VARIOUS PLACES ON WOO
D SASH AND REPLACE WITH NEW PUTTY (ONE PERSON)

PT 225 1 REMOVE DETERIORATED PUTTY IN VARIOUS PLACES ON WOO
D SASH AND REPLACE WITH NEW PUTTY (ONE PERSON)

PT 231 1 REMOVE AND INSTALL WINDOW SCREEN

PT 241 1 CUT GLASS TO 12"X14" SIZE PANES
2 INSTALL GLASS PANES (12"X14") IN SASHES OF NEW WIN
DOW, 6 PANES OVER 6 PANES

PT 301 1 ROLLER PAINT ONE COAT ON CEILING
2 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE
D ON AN AVERAGE OF 350 SQ FT / GAL

PT 320 1 ROLLER PAINT ONE COAT TO WALL
2 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE
D ON AN AVERAGE OF 400 SQ FT / GAL

PT 330 1 "CUT IN" CORNERS IN A ROOM USING BRUSH
2 "CUT IN" BASEBOARD AND CEILING IN A ROOM USING BRU
SH
3 "CUT IN" AROUND DOOR(S) AND WINDOWS USING BRUSH
4 APPLY PAINT TO WALLS USING ROLLER
5 ADDITIONAL JOB PREPARATION FOR PAINTING *BASED ON
400 SQ FT / GAL

PT 340 1 "CUT IN" CORNERS IN A ROOM USING BRUSH
2 "CUT IN" BASEBOARD IN ROOM USING BRUSH
3 "CUT IN" AROUND DOOR(S) AND WINDOWS USING BRUSH
4 APPLY PAINT TO WALLS USING A ROLLER
5 APPLY PAINT TO CEILING USING A ROLLER
6 ADDITIONAL JOB PREPARATION FOR PAINTING *BASED ON
400 SQ FT / GAL

PT 345 1 "CUT IN" CORNERS OF CEILING WITH BRUSH
2 "CUT IN" EDGES OF CEILING WITH BRUSH *OCCURANCE OF
1/2 FOR CEILING ONLY
3 ROLLER PAINT CEILING
4 ADDITIONAL JOB PREPARATION FOR PAINTING

PT 350 1 ROLL PAINT BOTH SIDES OF CHAIN LINK FENCE
2 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE
D ON AN AVERAGE OF 500 SQ FT / GAL

PT 360 1 GET MATERIAL REQUIRED AND SET ASIDE AFTER USE *ELE
3956 X 4.99 = .083334 HRS *ASSUME AVE.COVERAGE PE
2 APPLY ONE COAT WITH ROLLER *AVE. TIME IS 16.7% THA
N ROLLER PAINTING *3 LN FT IS EQUAL TO ONE SQ FT*3

PT 365 1 APPLY LIQUID ENCAPSULANT TO WALL
2 ADDITIONAL JOB PREPARATION TIME FOR ENCAPSULATING

PT 370 1 "CUT IN" AS REQUIRED WITH BRUSH
2 APPLY LIQUID ENCAPSULANT TO WALLS USING ROLLER
3 ADDITIONAL JOB PREPARATION FOR ENCAPSULATING *BASE D ON 100 SQ FT / GAL FOR ENCAPSULANT

PT 375 1 "CUT IN" CEILING WITH BRUSH *ENCAPSULANT TIME AVG . 19.2% LONGER THAN PAINT*1/2 THE TIME FOR CEILING
2 APPLY LIQUID ENCAPSULANT TO CEILING USING ROLLER * ENCAPSULANT TIME IS 21.3% LONGER THAN PAINT
3 ADDITIONAL JOB PREPARATION FOR ENCAPSULATING *BASE D ON 100 SQ FT/GAL FOR ENCAPSULANT

PT 412 1 AIRLESS SPRAY PAINTING REQUIRING EXTRA CARE *ASSUM E AIRLESS = 80% OF CONVENTIONAL SPRAYING
2 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE D ON AN AVERAGE OF 500 SQ FT / GAL

PT 413 1 AIRLESS SPRAY PAINT VERTICAL FLAT OR SLIGHTLY CURV ED SURFACE
2 JOB PREP FOR AIRLESS SPRAY PAINT *OCCURANCE BASED ON AVERAGE 18,000 SQ FT PAINTED PER DAY

PT 414 1 AIRLESS SPRAY PAINT METAL STEP DOUBLE TIME IF UNDE RSIDE OF STEP IS ALSO PAINTED
2 JOB PREP FOR AIRLESS SPRAY PAINTING *BASED ON AVER AGE 18000 SQ FT / PER WORK DAY *ONE STEP = 8" X 2F

PT 416 1 AIRLESS SPRAY PAINT ONE SIDE OF FLAT STRUCTURAL BE AM OR ALL SURFACES OF ROUND RAILING
2 JOB PREP FOR AIRLESS SPRAY PAINTING *AVERAGE 18000 SQ FT PAINTED PER WORK DAY *18000 / 3 = 6000 LN F

PT 418 1 AIRLESS SPRAY PAINTING OF HORIZONTAL FLAT OR SLIGH TLY CURVED SURFACE
2 JOB PREPARATION TIME FOR AIRLESS SPRAY PAINTING *B ASED ON AN AVERAGE OF 18000 SQ FT / WORK DAY

PT 419 1 AIRLESS SPRAY PAINTING OF METAL FLOOR GRATING DOUB LE TIME IF UNDERSIDE IS PAINTED
2 JOB PREP FOR AIRLESS SPRAY PAINTING *BASED ON AVER AGE 18000 SQ FT / WORK DAY

PT 420 1 AIRLESS SPRAY PAINTING OF UPRIGHT POST - AVERAGE 2 " DIAMETER
2 JOB PREP TIME FOR AIRLESS SPRAY PAINTING *BASED ON 18000 SQ FT PAINTED PER DAY *18000 / 3 = 6000 LN

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PT  421  1 SPRAY ONE COAT ON FLAT SURFACE
         2 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE
           D ON AN AVERAGE OF 400 SQ FT / GAL

PT  422  1 CONVENTIONAL SPRAY ON SURFACE REQUIRING EXTRA CARE
         2 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE
           D ON AN AVERAGE OF 500 SQ FT / GAL

PT  425  1 SPRAY ONE COAT ON IRREGULAR SURFACE
         2 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE
           D ON AN AVERAGE OF 500 SQ FT / GAL

PT  427  1 CONVENTIONAL SPRAY OF BEAM OR TRUSS
         2 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *BASE
           D ON AN AVERAGE OF 500 SQ FT / GAL

PT  501  1 CLEAN SIGN BLANK
         2 APPLY PRIME COAT OR FIRST COAT OF PAINT ON SIGN BL
           ANK WITH BRUSH
         3 BRUSH PAINT FINISH OR SECOND COAT ON SIGN BLANK
         4 IN-PROCESS SETUP AND HANDLING TIME

PT  503  1 CLEAN SIGN BLANK
         2 GET & POSITION SIGN TO BE PAINTED
         3 SPRAY SIGN WITH TWO COATS
         4 GET & ASIDE SPRAYED SIGN
         5 WALKING REQUIRED

PT  519  1 CLEAN METAL SIGN BLANK
         2 AFFIX SCOTCHLITE BACKGROUND FILM TO SIGN BLANK
         3 PROCESS SCOTCHLITE SIGN IN HEAT APPLICATOR MACHINE

PT  520  1 CLEAN METAL SIGN BLANK
         2 AFFIX SCOTCHLITE BACKGROUND FILM TO SIGN BLANK *EN
           GINEER GRADE, HIGH INTENSITY, OR DIAMOND GRADE *3M

PT  522  1 FLATTEN HOLES ON BLANKS *C-PRESS USED ON AN AVERAG
           E OF 3 HOLES *PROCESS TIME = .030278 HRS.*ELE. 395
         2 STRAIGHTEN BLANK *WITH "REGAL" BLANK STRAIGHTENER
           MACHINE *PROCESS TIME = .041667*ELE. 3956 X 2.4950
         3 SAND BLANK (TO REMOVE SHEETING/PAINT) *WITH "TIME
           SAVER" SANDING (WET/DRY) *PROCESS TIME = .03333*EL

PT  525  1 INSTALL SIGN STRUCTURAL ASSEMBLY  *TOTAL TIME PER
           SQ FT = .029561 = 1.77012 X ELE-*MENT   3956

PT  552  1 LAYOUT .5" TO 3.5" LETTER AND PAINT WITH ONE COAT

PT  553  1 PAINT SECOND COAT ON PREVIOUSLY PAINTED LETTER UP
           TO 3.5" HIGH
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PT  554  1 LAYOUT 4" TO 6" LETTER AND PAINT WITH ONE COAT
         2 PAINT SECOND COAT ON 4" TO 6" LETTER *ASSUME SECON
           D COAT REQ. 50% OF TIME

PT  556  1 LAYOUT 7" TO 15" LETTER AND PAINT WITH TWO COATS

PT  558  1 LAYOUT 16" TO 24" LETTER AND PAINT WITH TWO COATS

PT  560  1 SET UP TO LAY OUT *GERBER MACHINE SETUP *ELE. 3956
           X 2.0305 = .003391 = SET UP TIME
         2 LAY OUT, DRILL HOLES, AND RIVET BUTTON COPY ON PRE
           VIOUSLY PREPARED SURFACE *TOTAL TIME = .57443 HRS.

PT  562  1 SET UP SIGN, DRILL HOLES AND RIVET BUTTON COPIES

PT  564  1 SET UP GERBER MACHINE  *PROCESS TIME = .0531 HRS*E
           LE. 3956 X 3.179641 = PROCESS TIME
         2 TYPE AND PRINT CHARACTER(S); WEED CHARACTER(S); AP
           PLY CHARACTER(S) WITH TRANSFER TAPE; REMOVE TRANSF

PT  565  1 SET UP GERBER MACHINE *PROCESS TIME = .0531 *ELE.
           3956 X 3.179641 = PROCESS TIME
         2 TYPE AND PRINT CHARACTER(S); WEED CHARACTER(S); AP
           PLY CHARACTER(S) WITH TRANSFER TAPE; REMOVE TRANSF

PT  569  1 SET SIGN BACKGROUND FILM WITH SHORT HEAT CYCLE
         2 AFFIX SCOTCHLITE CHARACTER TO SIGN BLANK

PT  580  1 PREPARE STENCIL FOR SIGN MAKING
         2 BRUSH PAINT SIGN CHARACTERS USING STENCIL

PT  584  1 PREPARE STENCIL AND POSITION FOR PAINTING
         2 SPRAY PAINT STENCIL OF 3/4" TO 1" HIGH CHARACTERS
         3 SPRAY PAINT STENCIL OF 2" TO 4" HIGH CHARACTERS

PT  585  1 PREPARE STENCIL AND POSITION FOR PAINTING
         2 SPRAY PAINT STENCIL OF 5" TO 7" HIGH CHARACTERS

PT  587  1 CUT STENCILED CHARACTER FROM FILM FOR SILK SCREEN
         2 ATTACH SILK SCREEN TO FRAME
         3 ADHERE FILM ON SILK *ASSUME 1 SILK SCREEN WILL BE
           USED FOR 20 SIGNS
         4 WALK TO SIGN BLANK *(WALK 30FT /ELEMENT TIME X ELE
           MENT TIME/10FT )X(1/20)
         5 SET UP SILK SCREEN FOR SIGN PAINTING *ASSUME 1 SIL
           K SCREEN WILL BE MADE FOR 20 SIGNS
         6 STENCIL SILK SCREEN SIGN IN SHOP

PT  588  1 INSTALL/REMOVE SILK SCREEN AND SQUEEGEE ON/FROM SI
           LK SCREEN PRESS; SET UP SILK SCREEN PRESS TO PAINT
         2 PAINT SIGN WITH SILK SCREEN AND PUT ASIDE
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PT  589  1 CUT STENCILED CHARACTER FROM FILM FOR SILK SCREEN
         2 ATTACH TO FRAME AND ADJUST *ASSUME 1 SILK SCREEN W
           ILL MAKE 20 SIGNS = 1/20
         3 SET UP SILK SCREEN FOR SIGN PAINTING *ASSUME 1 SIL
           K SCREEN WILL MAKE 20 SIGNS = 1/20
         4 STENCIL SILK SCREEN SIGN ON VEHICLE OR EQUIPMENT

PT  590  1 MANUFACTURE NEW SILK SCREEN
         2 LAY OUT DECAL/PICTURE WITH IMAGE SCANNER (GERBER P
           ROCESS) *AVE. PROCESS TIME = .895836 HRS.*ELEMENT
         3 PREPARE SILK SCREEN
         4 PAINT PICTURE/DECAL ON SIGN BLANK OR SHEETING USIN
           G SILK SCREEN PRESS PROCESS

PT  601  1 WIPE FLAT SURFACE WITH CLOTH (FIRST SQ FT) *(3 SQ
           FT OF 20 SQ FT SURFACE)
         2 WIPE FLAT SURFACE WITH CLOTH (ADDL SQ FT) *(17 SQ
           FT OF 20 SQ FT SURFACE)
         3 BEND AND ARISE WHILE WIPING A FLAT SURFACE *(3 OCC
           URRENCES PER 20 SQ FT OF SURFACE)
         4 WALK TO NEXT AREA *(WALK 2 PACES PER 20 SQ FT OF S
           URFACE)

PT  602  1 PREPARE TO SAND 25% OF SURFACE
         2 SAND AND INSPECT 25% OF GOOD SURFACE
         3 BEND AND ARISE WHILE SANDING SURFACE *3 OCCURRENCE
           S PER 20 SQ FT OF SURFACE 25% OF THE *TIME (3/20 X
         4 WIPE 100% OF UNOBSTRUCTED SURFACE WITH CLOTH

PT  603  1 CLEAN 12.5% OF SURFACE WITH WIRE BRUSH *(12.5% CLE
           ANED BY BRUSH & 12.5% BY SCRAPER=25%)
         2 CLEAN 12.5% OF UNOBSTRUCTED SURFACE WITH SCRAPER *
           (12.5% CLEANED BY BRUSH & 12.5% BY SCRAPER = 25%)
         3 BEND AND ARISE WHILE SCRAPING AND WIRE BRUSHING *3
           OCCURRENCES PER 20 SQ FT OF SURFACE 25% OF THE *T
         4 PREPARE TO SAND 50% OF SURFACE
         5 SAND AND INSPECT 50% OF GOOD SURFACE
         6 BEND AND ARISE WHILE SANDING SURFACE *3 OCCURRENCE
           S PER 20 SQ FT OF SURFACE 50% OF THE *TIME (3/20 X
         7 WIPE 100% OF SURFACE WITH CLOTH

PT  604  1 PREPARE TO SAND SURFACE
         2 SAND AND INSPECT 100% OF UNOBSTRUCTED SURFACE
         3 BEND AND ARISE WHILE SANDING SURFACE *3 OCCURRENCE
           S PER 20 SQ FT OF SURFACE
         4 WIPE 100% OF UNOBSTRUCTED SURFACE WITH CLOTH

PT  605  1 WIPE IRREGULAR SURFACE WITH CLOTH (FIRST SQ FT) *
           (6 SQ FT OF 20 SQ FT SURFACE)
         2 WIPE IRREGULAR SURFACE WITH CLOTH (ADDL SQ FT) *(1
           4 SQ FT OF 20 SQ FT SURFACE)
         3 BEND AND ARISE WHILE WIPING IRREGULAR SURFACE *6 O
           CCURRENCES PER 20 SQ FT OF SURFACE
         4 WALK TO NEXT AREA *(WALK 2 PACES PER 20 SQ FT OF S
           URFACE)
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PT  606  1 PREPARE TO SAND 25% OF SURFACE
         2 SAND AND INSPECT 25% OF BAD SURFACE
         3 BEND AND ARISE WHILE SANDING SURFACE *6 OCCURRENCE
           S PER 20 SQ FT OF SURFACE 25% OF THE *TIME (6/20 X
         4 WIPE 100% OF OBSTRUCTED SURFACE WITH CLOTH

PT  607  1 CLEAN 12.5% OF SURFACE WITH WIRE BRUSH *(12.5% CLE
           ANED BY BRUSH & 12.5% BY SCRAPER = 25%)
         2 CLEAN 12.5% OF OBSTRUCTED SURFACE WITH SCRAPER *(1
           2.5% WIRE BRUSH & 12.5% SCRAPED = 25%)
         3 BEND AND ARISE WHILE SCRAPING AND WIRE BRUSHING SU
           RFACE *6 OCCURRENCES PER 20 SQ FT OF SURFACE 25% O
         4 PREPARE TO HAND SAND 50% OF AN OBSTRUCTED SURFACE
         5 SAND AND INSPECT 50% OF AN OBSTRUCTED SURFACE
         6 WIPE 100% OF AN OBSTRUCTED SURFACE WITH CLOTH

PT  608  1 PREPARE TO SAND 100% OF AN OBSTRUCTED SURFACE
         2 SAND AND INSPECT 100% OF AN OBSTRUCTED SURFACE
         3 BEND AND ARISE WHILE SANDING 100% OF SURFACE *6 OC
           CURRENCES PER 20 SQ FT OF SURFACE
         4 WIPE 100% OF OBSTRUCTED SURFACE WITH CLOTH

PT  609  1 CLEAN SURFACE WITH WIRE BRUSH *50% OCCURRENCE *(AS
           SUME 50% CLEANED BY BRUSH, & 50% BY SCRAPER)
         2 CLEAN UNOBSTRUCTED SURFACE WITH SCRAPER *50% OCCUR
           RENCE *(ASSUME 50% CLEANED BY BRUSH, & 50% BY SCRA
         3 BEND AND ARISE WHILE SCRAPING OR WIRE BRUSHING *(3
           BEND/ARISE PER 20 SQ FT 50% OF THE TIME OR: *
         4 WIPE SURFACE WITH CLOTH *100%

PT  610  1 CLEAN SURFACE WITH WIRE BRUSH *50% OCCURRENCE *(AS
           SUME 50% CLEANED BY BRUSH, & 50% BY SCRAPER)
         2 CLEAN OBSTRUCTED SURFACE WITH SCRAPER *50% OCURREN
           CE *(ASSUME 50% CLEANED BY BRUSH, & 50% BY SCRAPER
         3 BEND AND ARISE WHILE SCRAPING AND WIRE BRUSHING *(
           6 BEND/ARISE PER 20 SQ FT 50% OR THE TIME OR: *
         4 WIPE SURFACE WITH CLOTH *100% OCCURRENCE

PT  611  1 CLEAN SURFACE WITH WIRE BRUSH *50% OCCURRENCE *(AS
           SUME 50% CLEANED BY BRUSH, & 50% BY SCRAPER)
         2 CLEAN UNOBSTRUCTED SURFACE WITH SCRAPER *50% OCCUR
           RENCE *(ASSUME 50% CLEANED BY BRUSH, & 50% BY SCRA
         3 BEND AND ARISE WHILE SCRAPING OR WIRE BRUSHING *(3
           BEND/ARISE PER 20 LN FT 50% OF THE TIME OR: *
         4 WIPE SURFACE WITH CLOTH *100%

PT  612  1 PREPARE TO SAND SURFACE OF PIPE OR COLUMN *(1"DIA.
           X 12" LONG X PI)/(144)= .2618 S F/ LIN FT
         2 SAND AND INSPECT 100% OF PIPE OR COLUMN *(1"DIA. X
           12"LONG X PI)/(144)= .2618 S F / LIN FT
         3 WIPE 100% OF PIPE OR COLUMN *(1"DIA X 12"LONG X PI
           )/(144)= .2618 S F / LIN FT
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PT 613 1 PREPARE TO SAND SURFACE OF PIPE OR COLUMN *(3"DIA X 12"LONG X PI)/(144)= .7854 S F / LIN FT
2 SAND AND INSPECT 100% OF PIPE OR COLUMN *(3"DIA. X 12"LONG X PI)/(144)= .7854 S F / LIN FT
3 WIPE 100% OF PIPE OR COLUMN *(3"DIA. X 12"LONG X PI)/(144)= .7854 S F / LIN FT

PT 614 1 PREPARE TO SAND SURFACE OF PIPE OR COLUMN *(6"DIA X 12"LONG X PI)/(144)= 1.5708 S F / LIN FT
2 SAND AND INSPECT 100% OF PIPE OR COLUMN *(6"DIA X 12"LONG X PI)/(144)= 1.5708 S F/ LIN FT
3 WIPE 100% OF PIPE OR COLUMN *(6"DIA X 12"LONG X PI)/(144)= 1.5708 S F / LIN FT

PT 621 1 PREPARE OBSTRUCTED SURFACE FOR PAINTING *AVERAGE OF 162 LIN FT OF SURFACE PER SIDE
2 RAISE AND LOWER WINDOW SASH *ASSUME APPLICABLE TO WINDOW PREPARATION PRIOR TO *PAINTING--BASED ON A
3 IN-PROCESS SET UP AND HANDLING TIME *ASSUMED APPLICABLE TO WINDOW PREPARATION PRIOR TO *PAINTING--BA

PT 622 1 PREPARE OBSTRUCTED SURFACE FOR PAINTING *AVERAGE OF 162 LIN FT OF SURFACE PER SIDE
2 RAISE AND LOWER SASH *ASSUMED APPLICABLE TO WINDOW PREPARATION PRIOR TO *PAINTING--BASED ON A 5FT HI
3 IN-PROCESS SET UP AND HANDLING TIME *ASSUMED APPLICABLE TO WINDOW PREPARATION PRIOR TO *PAINTING--BA

PT 623 1 PREPARE OBSTRUCTED SURFACE FOR PAINTING
2 RAISE AND LOWER WINDOW SASH *ASSUMED APPLICABLE TO WINDOW PREPARATION PRIOR TO *PAINTING--BASED ON A
3 IN-PROCESS SETUP AND HANDLING TIME *ASSUMED APPLICABLE TO WINDOW PRERARATION PRIOR TO *PAINTING--BAS

PT 624 1 WIPE OR BRUSH DOOR PANEL PRIOR TO PAINTING *BASED ON AVERAGE DOOR SIZE OF 3FT WIDE X 7FT HIGH *3FT X
2 WIPE OR BRUSH DOOR EDGES PRIOR TO PAINTING *BASED ON AVERAGE DOOR SIZE OF 3FT WIDE X 7FT HIGH *(7FT
3 IN-PROCESS SET UP AND HANDLING TIME *BASED ON AVERAGE DOOR SIZE OF 3FT WIDE X 7FT HIGH *(3FT X 7FT =

PT 625 1 SAND AND WIPE DOOR PANEL PRIOR TO PAINTING *BASED ON AVERAGE DOOR SIZE OF 3FT WIDE X 7FT HIGH *(3FT
2 SAND AND WIPE DOOR EDGES PRIOR TO PAINTING *BASED ON AVERAGE DOOR SIZE OF 3FT WIDE X 7FT HIGH *(7FT
3 IN-PROCESS SET UP AND HANDLING TIME *BASED ON AVERAGE DOOR SIZE OF 3FT WIDE X 7FT HIGH *(3FT X 7FT =

PT 626 1 PREPARE DOOR PANEL PRIOR TO PAINTING *BASED ON AVERAGE DOOR SIZE OF 3FT WIDE X 7FT HIGH *(3FT X 7FT
2 PREPARE DOOR EDGES PRIOR TO PAINTING *BASED ON AVERAGE DOOR SIZE OF 3FT WIDE X 7FT HIGH *(7FT +3FT +
3 IN-PROCESS SET UP AND HANDLING TIME *BASED ON AVERAGE DOOR SIZE OF 3FT WIDE X 7FT HIGH *(3FT X 7FT =

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PT  627  1 WIPE OR BRUSH INTERIOR OR EXTERIOR OF DOORWAY/JAMB
           AND CASING PRIOR TO PAINTING *BASED ON AVG DOORWA
         2 IN-PROCESS SET UP AND HANDLING TIME *BASED ON AVG
           DOORWAY/JAMB OF 3FT WIDE X 7FT HIGH *(7FT +3FT +7F

PT  628  1 SAND AND WIPE INTERIOR OR EXTERIOR OF DOORWAY/JAMB
           AND CASING PRIOR TO PAINTING *BASED ON AVG DOORWA
         2 IN-PROCESS SET UP AND HANDLING TIME *BASED ON AVG
           DOORWAY/JAMB OF 3FT WIDE X 7FT HIGH *(7FT +3FT +7F

PT  629  1 PREPARE INTERIOR OR EXTERIOR OF DOORWAY/JAMB AND C
           ASING PRIOR TO PAINTING *BASED ON AVG DOORWAY/JAMB
         2 IN-PROCESS SET UP AND HANDLING TIME *BASED ON AVG
           DOORWAY/JAMB OF 3FT WIDE X 7FT HIGH *(7FT +3FT +7F

PT  630  1 PREPARE OBSTRUCTED SURFACE FOR PAINTING
         2 RAISE AND LOWER WINDOW SASH *ASSUMED APPLICABLE TO
           WINDOW PREPARATION PRIOR TO *PAINTING--BASED ON A
         3 IN PROCESS SETUP AND HANDLING TIME *ASSUME THAT IT
           IS APPLICABLE TO WINDOW PREP PRIOR *TO PAINTING -

PT  631  1 WIPE FLAT SURFACE WITH CLOTH (FIRST LIN FT) *3 SQ
           FT OF 20 SQ FT SURFACE = 3/20 X 1/3 = 3/60 *(BASED
         2 WIPE FLAT SURFACE WITH CLOTH (ADDL LIN FT) *17 SQ
           FT OF 20 SQ FT SURFACE= 17/20 X 1/3 = 17/60 *(BASE
         3 BEND AND ARISE WHILE WIPING A FLAT SURFACE *AVG 3
           OCCURRENCES PER 20 LIN FT
         4 WALK TO NEXT AREA *WALK 4 PACES PER 20 LIN FT

PT  632  1 PREPARE TO SAND 25% OF UNOBSTRUCTED SURFACE
         2 SAND AND INSPECT 25% OF UNOBSTRUCTED SURFACE *25%
           X 1/3 = 1/12 (BASED ON 1 SQ FT EQUALS 3 LIN *FT)--
         3 BEND AND ARISE WHILE SANDING UNOBSTRUCTED SURFACE
         4 WIPE 100% OF UNOBSTRUCTED SURFACE WITH CLOTH

PT  633  1 BRUSH CLEAN 12.5% OF SURFACE WITH WIRE BRUSH
         2 SCRAPE 12.5% OF UNOBSTRUCTED SURFACE WITH SCRAPER
         3 BEND AND ARISE WHILE SCRAPING AND WIRE BRUSHING UN
           OBSTRUCTED SURFACE *3 OCCURRENCES PER 20 LIN FT OF
         4 PREPARE TO SAND 50% OF UNOBSTRUCTED SURFACE
         5 SAND AND INSPECT 50% OF UNOBSTRUCTED SURFACE *50%
           X 1/3 =1/6 (BASED ON 1 SQ FT EQUALS 3 LIN FT) *SEE
         6 WIPE 100% OF UNOBSTRUCTED SURFACE WITH CLOTH

PT  634  1 PREPARE TO SAND UNOBSTRUCTED SURFACE
         2 SAND AND INSPECT 100% OF UNOBSTRUCTED SURFACE *BAS
           ED ON 1 SQ FT EQUALS 3 LIN FT--SEE PT-604-020 *FOR
         3 BEND AND ARISE WHILE SANDING UNOBSTRUCTED SURFACE
         4 WIPE 100% OF UNOBSTRUCTED SURFACE WITH CLOTH
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PT  635  1 WIPE IRREGULAR SURFACE WITH CLOTH (FIRST LIN FT) *
           6 SQ FT OF 20 SQ FT SURFACE = 6/20 X 1/3 = 6/60 *(
         2 WIPE IRREGULAR SURFACE WITH CLOTH (ADDL LIN FT) *1
           4 SQ FT OF 20 SQ FT OF SURFACE = 14/20 X 1/3 = *14
         3 BEND AND ARISE WHILE WIPING IRREGULAR SURFACE *AVG
           3 OCCURRENCES PER 20 LIN FT
         4 WALK TO NEXT AREA *WALK 4 PACES PER 20 LIN FT

PT  636  1 PREPARE TO SAND 25% OF SURFACE
         2 SAND AND INSPECT 25% OF OBSTRUCTED SURFACE *25% X
           1/3 = 1/12 (BASED ON 1 SQ FT EQUALS 3 LIN *FT)--SE
         3 BEND AND ARISE WHILE SANDING 25% OF OBSTRUCTED SUR
           FACE *6 OCCURRENCES PER 20 LIN FT OF SURFACE 25% O
         4 WIPE 100% OF OBSTRUCTED SURFACE WITH CLOTH

PT  637  1 BRUSH CLEAN 12.5% OF SURFACE WITH WIRE BRUSH
         2 SCRAPE 12.5% OF OBSTRUCTED SURFACE WITH SCRAPER
         3 BEND AND ARISE WHILE SCRAPING AND WIRE BRUSHING 25
           % OF AN OBSTRUCTED SURFACE *6 OCCURRENCES PER 20 L
         4 PREPARE TO HAND SAND 50% OF AN OBSTRUCTED SURFACE
         5 SAND AND INSPECT 50% OF AN OBSTRUCTED SURFACE *50%
           X 1/3= 1/6 (BASED ON 1 SQ FT EQUALS 3 LIN FT) *SE
         6 BEND AND ARISE WHILE SANDING 50% OF AN OBSTRUCTED
           SURFACE *6 OCCURRENCES PER 20 LIN FT OF SURFACE 25
         7 WIPE 100% OF AN OBSTRUCTED SURFACE WITH CLOTH

PT  638  1 PREPARE TO SAND 100% OF AN OBSTRUCTED SURFACE
         2 SAND AND INSPECT 100% OF AN OBSTRUCTED SURFACE *BA
           SED ON 1 SQ FT EQUALS 3 LIN FT--SEE PT-608-020 *FO
         3 BEND AND ARISE WHILE SANDING 100% OF AN OBSTRUCTED
           SURFACE *6 OCCURRENCES PER 20 LIN FT OF SURFACE
         4 WIPE 100% OF AN OBSTRUCTED SURFACE WITH CLOTH

PT  639  1 CLEAN SURFACE WITH WIRE BRUSH *50% OCCURRENCE *(AS
           SUME 50% CLEANED BY BRUSH, & 50% BY SCRAPER)
         2 CLEAN OBSTRUCTED SURFACE WITH SCRAPER *50% OCCURRE
           NCE *(ASSUME 50% CLEANED BY BRUSH, & 50% BY SCRAPE
         3 BEND AND ARISE WHILE SCRAPING OR WIRE BRUSHING *(6
           BEND/ARISE PER 20 LN FT 50% OF THE TIME OR: *
         4 WIPE SURFACE WITH CLOTH *100%

PT  640  1 LOAD SAND INTO SANDBLASTING POT * 300 POUNDS USED
           TO BLAST 270 SQ FT
         2 START AND CHECK COMPRESSOR AND POT *300 POUNDS REQ
           UIRED FOR 270 SQ FT OF SURFACE
         3 POSITION GUN PRIOR TO BLASTING *ONCE PER 35 SQ FT
           SANDBLASTED        (2 MAN CREW)
         4 SANDBLAST MASONRY, CONCRETE OR STUCCO SURFACE *HEL
           PER STANDS-BY FOR SAFTY FACTOR    (2 MAN CREW)
         5 INSPECT SURFACE AFTER BLASTING *HELPER STANDS-BY F
           OR SAFETY FACTOR   (2 MAN CREW)
         6 REMOVE SPENT SAND FROM SANDBLASTING AREA *300 POUN
           DS REQUIRED FOR 270 SQ FT
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PT 641 1 LOAD SAND INTO SANDBLASTING POT *300 POUNDS USED T
O BLAST 105 SQ FT
2 START AND CHECK COMPRESSOR AND POT *300 POUNDS REQ
UIRED TO BLAST 105 SQ FT
3 POSITION GUN PRIOR TO BLASTING *ONCE PER 35 SQ FT
SANDBLASTED (2 MAN CREW)
4 SANDBLAST FLAT OR SLIGHTLY ROUNDED METAL SURFACE,
COMMERCIAL BLAST *HELPER STANDS-BY FOR SAFETY FACT
5 INSPECT SURFACE AFTER BLASTING *HELPER STANDS-BY F
OR SAFETY FACTOR (2 MAN CREW)
6 REMOVE SPENT SAND FROM SANDBLASTING AREA *300 POUN
DS REQUIRED FOR 105 SQ FT

PT 642 1 LOAD SAND INTO SANDBLASTING POT *300 POUNDS USED T
O BLAST 105 SQ FT
2 START AND CHECK COMPRESSOR AND POT *300 POUNDS REQ
UIRED TO BLAST 105 SQ FT
3 POSITION GUN PRIOR TO BLASTING *ONCE PER 35 SQ FT
SANDBLASTED (2 MAN CREW)
4 SANDBLAST FLAT OR SLIGHTLY ROUNDED METAL SURFACE,
NEAR WHITE METAL BLAST *HELPER STANDS-BY FOR SAFET
5 INSPECT SURFACE AFTER BLASTING *HELPER STANDS-BY F
OR SAFETY FACTOR (2 MAN CREW)
6 REMOVE SPENT SAND FROM SANDBLASTING AREA *300 POUN
DS REQUIRED FOR 105 SQ FT

PT 643 1 LOAD SAND INTO SANDBLASTING POT *300 POUNDS USED T
O BLAST 105 SQ FT
2 START AND CHECK COMPRESSOR AND POT *300 POUNDS REQ
UIRED TO BLAST 105 SQ FT
3 POSITION GUN PRIOR TO BLASTING *ONCE PER 35 SQ FT
SANDBLASTED (2 MAN CREW)
4 SANDBLAST FLAT OR SLIGHTLY ROUNDED METAL SURFACE,
WHITE METAL BLAST *HELPER STANDS-BY FOR SAFETY FAC
5 INSPECT SURFACE AFTER BLASTING *HELPER STANDS-BY F
OR SAFETY FACTOR (2 MAN CREW)
6 REMOVE SPENT SAND FROM SANDBLASTING AREA *300 POUN
DS REQUIRED FOR 105 SQ FT

PT 644 1 PREPARE DOOR PANEL PRIOR TO PAINTING *BASED ON AVE
RAGE DOOR SIZE OF 3FT WIDE X 7FT HIGH *(3FT X 7FT
2 PREPARE DOOR EDGES PRIOR TO PAINTING *BASED ON AVE
RAGE DOOR SIZE OF 3FT WIDE X 7FT HIGH *(7FT + 3FT
3 IN PROCESS SETUP AND HANDLING TIME *BASED ON AVERA
GE DOOR SIZE OF 3FT WIDE X 7FT HIGH *(3FT X 7FT =

PT 645 1 PREPARE INTERIOR OR EXTERIOR OF DOORWAY/JAMB AND C
ASING PRIOR TO PAINTING *BASED ON AVG DOORWAY/JAMB
2 IN PROSESS SETUP AND HANDLING TIME *BASED ON AVG D
OORWAY/JAMB OF 3FT WIDE X 7FT HIGH *(7FT + 3FT + 7

PT 646 1 PREPARE PIPE OR COLUMN FOR PAINTING *(1"DIA.X 12" LONG X PI)/(144)= .2618 SQ FT/LN FT
2 IN PROCESS SETUP AND HANDLING TIME *(1"DIA. X 12"L ONG X PI)/(144)= .2618 SQ FT/LN FT

PT 647 1 LOAD SAND INTO SANDBLASTING POT *300 POUNDS USED T O BLAST 75 SQ FT
2 START AND CHECK COMPRESSOR AND POT *300 POUNDS REQ UIRED FOR 75 SQ FT
3 POSITION GUN PRIOR TO BLASTING *ONCE PER 20 SQ FT SANDBLASTED (2 MAN CREW)
4 SANDBLAST METAL BEAMS, TRUSSES OR OTHER STRUCTURAL MEMBERS *HELPER STANDS-BY FOR SAFETY FACTOR (2
5 INSPECT SURFACE AFTER BLASTING *HELPER STANDS-BY F OR SAFETY FACTOR (2 MAN CREW)
6 REMOVE SPENT SAND FROM SANDBLASTING AREA *300 POUN DS RREQUIRED FOR 75 SQ FT

PT 648 1 LOAD SAND INTO SANDBLASTING POT *300 POUNDS USED T O BLAST 75 SQ FT
2 START AND CHECK COMPRESSOR AND POT *300 POUNDS REQ UIRED FOR 75 SQ FT
3 POSITION GUN PRIOR TO BLASTING *ONCE PER 20 SQ FT SANDBLASTED (2 MAN CREW)
4 SANDBLAST METAL BEAMS, TRUSSES OR OTHER STRUCTURAL MEMBERS, NEAR WHITE METAL BLAST *HELPER STANDS-BY
5 INSPECT SURFACE AFTER BLASTING *HELPER STANDS-BY F OR SAFETY FACTOR (2 MAN CRREW)
6 REMOVE SPENT SAND FROM SANDBLASTING AREA *300 POUN DS REQUIRED FOR 75 SQ FT

PT 649 1 LOAD SAND INTO SANDBLASTING POT *300 POUNDS USED T O BLAST 75 SQ FT
2 START AND CHECK COMPRESSOR AND POT *300 POUNDS REQ UIRED FOR 75 SQ FT
3 POSITION GUN PRIOR TO BLASTING *ONCE PER 20 SQ FT SANDBLASTED (2 MAN CREW)
4 SANDBLAST METAL BEAMS, TRUSSES OR OTHER STRUCTURAL MEMBERS, WHITE METAL BLAST *HELPER STANDS-BY FOR
5 INSPECT SURFACE AFTER BLASTING *HELPER STANDS-BY F OR SAFETY FACTOR (2 MAN CREW)
6 REMOVE SPENT SAND FROM SANDBLASTING AREA *300 POUN DS REQUIRED FOR 75 SQ FT

PT 650 1 PREPARE PIPE OR COLUMN FOR PAINTING
2 IN PROCESS SETUP AND HANDLING TIME

PT 651 1 PICK UP SUPPLIES AND/OR EQUIPMENT AND LAY ASIDE *(ONCE PER 39 OBJECTS MASKED)
2 WALK 20 PACES TO OBJECT
3 MASK SMALL OBJECT
4 REMOVE TAPE FROM SMALL OBJECT
5 DISPOSE OF WASTE TO TRASH CAN OUTSIDE BUILDING *(O NCE PER 39 OBJECTS MASKED)

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PT  652  1 PICK UP SUPPLIES AND/OR EQUIPMENT AND LAY ASIDE *(
           ONCE PER 39 OBJECTS MASKED)
         2 WALK 20 PACES TO OBJECT
         3 MASK MEDIUM OBJECT
         4 REMOVE TAPE FROM MEDIUM OBJECT
         5 DISPOSE OF WASTE TO TRASH CAN OUTSIDE BUILDING *(O
           NCE PER 39 OBJECTS MASKED)

PT  653  1 PICK UP SUPPLIES AND/OR EQUIPMENT AND LAY ASIDE *(
           ONCE PER 50 LIN. FT. MASKED)
         2 WALK TO MASK WALL, TRIM OR OBJECT *40 PACES PER TR
           IP TO MASK AN AVERAGE OF 15 LIN FT
         3 APPLY TAPE TO WALL
         4 REMOVE TAPE FROM WALL
         5 DISPOSE OF WASTE TO TRASH CAN OUTSIDE BUILDING *(O
           NE ROUNDTRIP PER 50 LIN. FT. MASKED)

PT  654  1 PREPARE PIPE OR COLUMN FOR PAINTING *(6"DIA.X 12"
           LONG X PI)/(144)= 1.5708 SQ FT/LN FT
         2 IN PROCESS SETUP AND HANDLING TIME *(6"DIA. X 12"L
           ONG X PI)/(144)= 1.5708 SQ FT/LN FT

PT  655  1 INSTALL CONTAINMENT SYSTEM BY LAYING PLASTIC SHEET
           ING UNDER AREA TO BE STRIPPED *FOR "PEEL AWAY" SYS
         2 SPRAY A LIGHT TACK COAT ON SURFACE
         3 SPRAY STRIPPER ON SURFACE
         4 COVER SPRAYED SURFACE WITH LAMINATED CLOTH *TIME P
           ER 10 SQ FT CALCULATED FROM FORT CARSON *LEAD BASE
         5 SCRAPE PAINT AND LAMINATED CLOTH OFF
         6 RINSE SURFACE WITH WATER *JOB TIME INVOLVES EQUIPM
           ENT SETUP
         7 SPRAY NEUTRALIZER
         8 FINAL RINSING *JOB TIME INVOLVES EQUIPMENT SETUP
         9 VISUAL INSPECTION *ELEMENT 3704 WAS TAKEN FROM ELE
           MENT 5864... *IN ELEMENT 5864, IT IS COMMANDED TO

PT  656  1 ERECT WASTE CONTAINMENT TROUGH SYSTEM *STRIPPER DE
           SIGNED FOR STEEL ONLY IS CALLED "PEEL *AWAY ST-1".
         2 SPRAY A LIGHT TACK COAT ON SURFACE
         3 SPRAY STRIPPER ON SURFACE
         4 SCRAPE PAINT OFF
         5 RINSE SURFACE WITH WATER *JOB TIME IS FOR EQUIPMEN
           T SETUP; SQ FT IS FOR *RINSING
         6 SPRAY NEUTRILIZER *SETUP TIME IS INCLUDED IN THE "
           SQ FT" VARIABLE
         7 FINAL RINSING *JOB TIME IS FOR EQUIPMENT SETUP; AN
           D SQ FT IS FOR *RINSING.  BECAUSE NEUTRALIZER IS A
         8 VISUAL INSPECTION *ELEMENT 3704 WAS TAKEN FROM ELE
           MENT 5864... *IN ELEMENT 5864, IT IS COMMANDED TO
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PT 657 1 OBTAIN ITEMS TO BE USED AND SET ASIDE AFTER USE
2 PUT ON AND REMOVE PERSONAL PROTECTIVE CLOTHING
3 POUR STRIPPER ON FLOOR *IT DOES NOT MATTER HOW MUC H, IT WILL BE USED FOR *FOR STRIPPING ADJACENT SEC
4 SPREAD STRIPPER WITH PUSH BROOM *TIME FOR ELEMENT 1954 ADJUSTED 1/20 TO ACCOUNT *FOR SPREADING WITH
5 SQUEEGEE STRIPPER & PAINT REMOVED TO ADJACENT SECT ION

PT 661 1 SET UP AND PUT AWAY WATER BLAST EQUIPMENT AND SAFE TY GEAR
2 HEAVY BLAST PER SF

PT 662 1 SET UP AND REMOVE WATER BLAST EQUIPMENT AND SAFETY GEAR
2 LIGHT WATER BLAST PER SF

PT 664 1 SET UP AND REMOVE WATER BLAST EQUIPMENT AND SAFETY GEAR
2 LIGHT WATER BLAST PER SQ FT

PT 665 1 LOAD ABRASIVE INTO POT * 300 POUNDS OF SAND USED T O BLAST 270 SQ FT
2 START AND CHECK COMPRESSOR AND POT *300 POUNDS REQ UIRED FOR 270 SQ FT OF SURFACE
3 POSITION GUN PRIOR TO BLASTING *ONCE PER 35 SQ FT SANDBLASTED (2 MAN CREW)
4 VACUUM BLAST STUCCO, MASONRY OR CONCRETE SURFACE * (2 MAN CREW) *VACUUM BLASTING TAKES 25% LONGER THA
5 INSPECT SURFACE AFTER BLASTING *HELPER STANDS-BY F OR SAFETY FACTOR (2 MAN CREW)

PT 666 1 LOAD ABRASIVE INTO POT *300 POUNDS USED TO BLAST 1 05 SQ FT
2 START AND CHECK COMPRESSOR AND POT *300 POUNDS REQ UIRED TO BLAST 105 SQ FT
3 POSITION GUN PRIOR TO BLASTING *ONCE PER 35 SQ FT SANDBLASTED (2 MAN CREW)
4 VACUUM BLAST FLAT OR SLIGHTLY ROUNDED METAL SURFAC E, COMMERCIAL BLAST *(2 MAN CREW)*VACUUM BLASTING
5 INSPECT SURFACE AFTER BLASTING *HELPER STANDS-BY F OR SAFETY FACTOR (2 MAN CREW)

PT 667 1 LOAD ABRASIVE INTO POT *300 POUNDS USED TO BLAST 1 05 SQ FT
2 START AND CHECK COMPRESSOR AND POT *300 POUNDS REQ UIRED TO BLAST 105 SQ FT
3 POSITION GUN PRIOR TO BLASTING *ONCE PER 35 SQ FT SANDBLASTED (2 MAN CREW)
4 VACUUM BLAST FLAT OR SLIGHTLY ROUNDED METAL SURFAC E, NEAR WHITE METAL BLAST *(2 MAN CREW)*VACUUM BLA
5 INSPECT SURFACE AFTER BLASTING *HELPER STANDS-BY F OR SAFETY FACTOR (2 MAN CREW)

PT 668 1 LOAD ABRASIVE INTO POT *300 POUNDS USED TO BLAST 1
05 SQ FT
2 START AND CHECK COMPRESSOR AND POT *300 POUNDS REQ
UIRED TO BLAST 105 SQ FT
3 POSITION GUN PRIOR TO BLASTING *ONCE PER 35 SQ FT
SANDBLASTED (2 MAN CREW)
4 VACUUM BLAST FLAT OR SLIGHTLY ROUNDED METAL SURFAC
E, WHITE METAL BLAST *(2 MAN CREW)*VACUUM BLASTING
5 INSPECT SURFACE AFTER BLASTING *HELPER STANDS-BY F
OR SAFETY FACTOR (2 MAN CREW)

PT 669 1 LOAD ABRASIVE INTO POT *300 POUNDS USED TO BLAST 7
5 SQ FT
2 START AND CHECK COMPRESSOR AND POT *300 POUNDS REQ
UIRED FOR 75 SQ FT
3 POSITION GUN PRIOR TO BLASTING *ONCE PER 20 SQ FT
SANDBLASTED (2 MAN CREW)
4 VACUUM BLAST METAL BEAMS, TRUSSES OR OTHER STRUCTU
RAL MEMBERS *(2 MAN CREW)*VACUUM BLASTING TAKES 25
5 INSPECT SURFACE AFTER BLASTING *HELPER STANDS-BY F
OR SAFETY FACTOR (2 MAN CREW)

PT 670 1 LOAD ABRASIVE INTO POT *300 POUNDS USED TO BLAST 7
5 SQ FT
2 START AND CHECK COMPRESSOR AND POT *300 POUNDS REQ
UIRED FOR 75 SQ FT
3 POSITION GUN PRIOR TO BLASTING *ONCE PER 20 SQ FT
SANDBLASTED (2 MAN CREW)
4 VACUUM BLAST METAL BEAMS, TRUSSES OR OTHER STRUCT-
URAL MEMBERS, NEAR WHITE METAL BLAST *(2 MAN CREW
5 INSPECT SURFACE AFTER BLASTING *HELPER STANDS-BY F
OR SAFETY FACTOR (2 MAN CREW)

PT 671 1 LOAD ABRASIVE INTO POT *300 POUNDS USED TO BLAST 7
5 SQ FT
2 PREPARE TO VACUUM BLAST SURFACE *300 POUNDS REQUIR
ED FOR 75 SQ FT
3 POSITION GUN PRIOR TO BLASTING *ONCE PER 20 SQ FT
SANDBLASTED (2 MAN CREW)
4 VACUUM BLAST METAL BEAMS, TRUSSES OR OTHER STRUCT-
URAL MEMBERS, WHITE METAL BLAST *(2 MAN CREW)*VAC
5 INSPECT SURFACE AFTER BLASTING *HELPER STANDS-BY F
OR SAFETY FACTOR (2 MAN CREW)

PT 673 1 SET UP AND HANDLING TIME
2 V-OUT CRACK AND APPLY PLASTER OR SPACKLE

PT 677 1 SET UP AND HANDLING TIME
2 APPLY THREE COATS OF COMPOUND AND TAPE
3 SAND PLASTER BOARD SEAM *AREA EQUAL 12 LN FT SEAM/
32 SQ FT BOARD = 12/32
4 WIPE PLASTER BOARD SEAM *AREA EQUAL 12 LN FT SEAM/
32 SQ FT BOARD = 12/32

PT 678 1 SET UP AND HANDLING TIME
2 APPLY THREE COATS OF COMPOUND AND TAPE
3 SAND PLASTER BOARD SEAM *FREQ= 12 L F SEAM / 32 S F PLASTER BOARD = 12/32
4 WIPE PLASTER BOARD SEAM *FREQ= 12 L F SEAM / 32 S F PLASTER BOARD = 12/32

PT 679 1 SET UP AND HANDLING TIME
2 FILL NAIL HOLES AND APPLY ONE COAT OF COMPOUND AND TAPE

PT 680 1 APPLY FILLER TO NAIL HOLES AND CRACKS IN WOOD SURF ACE
2 BEND AND ARISE WHILE APPLYING FILLER *6 OCCURRENCE S PER 20 SQ FT OF SURFACE
3 WALK TO NEXT AREA *2 PACES PER 20 SQ FT OF SURFACE
4 IN-PROCESS SET UP AND HANDLING TIME

PT 681 1 APPLY FILLER TO NAIL HOLES AND CRACKS IN WOOD BOAR DS *ASSUME 1 SQ FT = 3 LIN FT
2 BEND AND ARISE WHILE APPLYING FILLER *6 OCCURRENCE S PER 20 LIN FT OF BOARD
3 WALK TO NEXT AREA *4 PACES PER 20 LIN FT OF BOARD
4 IN-PROCESS SET UP AND HANDLING TIME

PT 684 1 OBTAIN & ASIDE CAULKING GUN, CARTRIDGE AND KNIFE * TWO OCCURANCES / 30 LIN FT CAULKED = 2/30
2 REMOVE OLD, PREPARE & LOAD NEW CARTRIDGE IN GUN * ONCE PER 30 LIN FT CAULKED = 1/30
3 APPLY CAULKING WITH HAND OPERATED CARTRIDGE GUN

PT 685 1 OBTAIN & ASIDE TOOL FOR REMOVING OLD CHALKING * ON CE PER 30 LIN FT = 1/30
2 REMOVE DETERIORATED CAULKING WITH HAND TOOL
3 CAULK CRACK WITH HAND ACTIVATED CAULKING GUN

PT 686 1 "CUT IN" WALL OR CEILING
2 IN PROCESS SETUP AND HANDLING TIME
3 ADDITIONAL JOB PREPARATION TIME FOR PAINTING *ASSU ME AN AVERAGE OF 400 SQ FT / GAL AND ONE SQ *FT EQ

PT 687 1 SCRAPE, BRUSH & WIPE FIRE HYDRANT BEFORE PAINTING
2 APPLY COAT OF PRIMER OR FINISH COAT OF PAINT ON FI RE HYDRANT

PT 689 1 REMOVE OLD WALLPAPER
2 PUT OLD WALLPAPER IN PLASTIC BAGS AND DISPOSE

PT 690 1 MEASURE AND CUT WALLPAPER
2 PASTE/GLUE WALLPAPER
3 APPLY WALLPAPER

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PT  691  1 MEASURE AND CUT WALLPAPER
         2 PASTE/GLUE WALLPAPER
         3 APPLY WALLPAPER (2 MEN JOB)

PT  692  1 MEASURE AND CUT WALLPAPER
         2 SOAK/WET WALLPAPER IN WATER TRAY
         3 APPLY WALLPAPER

PT  701  1

PT  703  1 SWEEP PAVEMENT *100 LN FT IS EQUAL TO APPROX. 30 M
           ETERS; 100 LN *FT TIMES 1 LN FT = 100 SQ FT (ELEME
         2 OPEN AND CLOSE CAN OF PAINT *ASSUME 4 LITERS PER 6
           1 METERS
         3 MIX PAINT WITH A STICK *ASSUME ONCE PER 4-LITER CA
           N
         4 DIP ROLLER AND APPLY PAINT *ASSUME 1 SQ FT = 3 LN
           FT OR APPROX 1 METER
         5 ROLLER PAINT WHILE WALKING *THERE IS APPROX. 3 STE
           PS PER METER PAINTED
         6 GET AND ASIDE PAIL/BUCKET WHILE ROLLER PAINTING *A
           SSUME ONCE PER METER
         7

PT  705  1 WIRE BRUSH SURFACE.
         2 APPLY GLUE TO PREPARED SURFACE, BRUSH.
         3 ALLOW GLUE TO SET.
         4 REMOVE PROTECTIVE PAPER BACKING FROM MARKER.
         5 POSITION MARKER ON GLUED SURFACE.
         6 ROLL MARKER.

PT  710  1 OBTAIN PARTS/ITEMS FROM SUPPLY WAGON AND SET ASIDE
           AFTER USE *10 STRIPING MACHINE PARTS; 8 CANS (AVE
         2 ASSEMBLE/DISASSEMBLE STRIPING MACHINE AS NEEDED (E
           VERY 50 FT OR 15 METERS) *18 PARTS TO CLEAN/SET UP
         3 WASH STRIPING MACHINE APPLICATOR PARTS *9 PARTS TO
           BE WASHED EVERY 50 FT (OR 15 METERS) *OR 9/50
         4 OPEN CAN OF PAINT AND HARDENER *ASSUME ONCE EVERY
           50 FT OR 1/50 PER LN FT *OR ONCE EVERY 15 MT OR 1/
         5 MIX PAINT/HARDENER MIXTURE WITH A STICK *ASSUME ON
           CE EVERY 50 FT OR 1/50 PER LN FT *OR ONCE EVERY 15
         6 ROLL STRIPING MACHINE TO/FROM WORKING AREA *TWO MA
           N JOB *ONCE EVERY 50 FT ON AVERAGE OR 2/50 PER LN
         7 ROLL STRIPING MACHINE TO PAINT *TWO MEN JOB *ELEME
           NT 0952 IS FOR 8 STEPS OR 24 FT OR 7.30 MT
         8 THROW REFLECTIVE GLASS BEADS ON PAINTED STRIPE *SQ
           FT = APPROX. 3 LN FT *EVERY SPREAD COVERS APPROX.
         9 REQUISITE WALKING *GLASS BEADS BUCKET APPLICATION
           (1), WASH STRIPING *MACHINE APPLICATOR PARTS PER 5
        10 REQUISITE GET AND ASIDE ITEMS/PARTS *STRIPING MACH
           INE PARTS (9), PAINT/HARDENER CANS *(4), AND A BUC
        11 REQUISITE BEND AND ARISE *WASH STRIPING MACHINE PA
           RTS (9); PAINT/HARDENER *CANS (4); REFLECTIVE GLAS
        12
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PT 711 1 SPRAY TRAFFIC STRIPE *BASED ON AVG LENGTH OF THIRTY (30) LIN FT-ONE MAN

PT 715 1 SPRAY CROSSWALK STRIPES *BASED ON OBSERVED LENGTH OF 120 LIN FT--ONE MAN

PT 716 1 SPRAY CROSSWALK STRIPE *BASED ON A LENGTH OF 120 LIN FT--ONE MAN

PT 717 1 SPRAY CROSSWALK STRIPE *BASED ON OBSERVED LENGTH OF 100 LIN FT--ONE MAN

PT 725 1 SPRAY STRIPES FOR PARKING STALL *BASED ON OBSERVED QUANTITY OF 16 STALLS--ONE MAN

PT 726 1 SPRAY STRIPE FOR PARKING STALL *BASED ON OBSERVED QUANTITY OF 24 STALLS--ONE MAN

PT 731 1 SPRAY TRAFFIC STRIPE--SINGLE LINE --SELF-PROPELLED STRIPING MACHINE *BASED ON AVG LENGTH OF 10,000 L

PT 751 1 INITIAL SPRAY OR RE-SPRAY STENCIL NUMERAL *--ONE MAN
2 WALK DURING PERFORMANCE OF OPERATION *--ONE MAN--AVG OF 5 PACES EACH

PT 760 1 PLACE AND PICK UP TRAFFIC MARKER

PT 761 1 GET AND ASIDE MATERIAL REQUIRED *PROCESS TIME = .043977 *ELE. 3956 X 2.63335 = PROCESS TIME
2 OPEN AND CLOSE CAN OF PAINT *AVERAGE COVERAGE PER GALLON = 300 SQ FT
3 MIX PAINT WITH A STICK *AVERAGE PER 1 GALLON, 300 SQ FT COVERAGE
4 POUR PAINT INTO PAIL *AVE. ONCE PER 300 SQ FT
5 DIP ROLLER AND APPLY PAINT *AVERAGE OF ONCE PER 1 SQ FT
6 ROLLER PAINT WHILE WALKING *THERE IS APPROX. 1/3 STEPS PER SQ FT PAINTED
7 GET AND ASIDE PAIL/BUCKET WHILE ROLLER PAINTING *ASSUME ONCE PER 6 SQ FT

PT 763 1 MIX "TEXTURE COATING" POWDER WITH WATER
2 SPRAY "TEXTURE COATING" MIXTURE USING AIRLESS SPRAYER

PT 765 1 SET UP STRETCHING DEVISE & PREFABRICATED FRAME
2 APPLY MESH TO PREFABRICATED FRAME
3 WASH SILK SCREEN WITH DEGREASER-ABRASIVE COMPOUND

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PT  766  1 PLACE AND SET UP SILK SCREEN ON VACUUM FRAME
         2 BURN/RADIATE SILK SCREEN WITH CAMERA PLATE BURNER
         3 WASH SILK SCREEN
         4 APPLY "BLOCKOUT" AROUND OPEN EDGES OF SILK SCREEN

PT  767  1 EMULSION REMOVAL & DEHAZING OF SILK SCREEEN

PT  768  1 GET SILK SCREEN(S); GET EMULSION AND APPLICATOR; A
           ND PREPARE EMULSION FOR SILK SCREEN APPLICATION *P
         2 APPLY EMULSION ON SILK SCREEN(S) *PROCESS TIME = .
           03433 *ELE. 3956 X 2.055688 = PROCESS TIME
         3 CLEAN EMULSION APPLICATOR AND PUT ASIDE APPLICATOR
           AND SILK SCREEN(S) *PROCESS TIME = .106389*ELE. 3

PT  770  1 PAINT GUARD BY IMMERSION INTO PAINT BATH

PT  781  1 SPRAY TRAFFIC STRIPE (SINGLE LINE) *BASED ON AVG L
           ENGTH OF 10,000 LIN FT --ONE MAN *DATA: 1 HR/ .000

PT  782  1 SET UP TAPE/TAPE APPLICATOR *EVERY 90 FT
         2 APPLY TAPE
         3 TAMP TAPE USING ROLLER TAMPER CART *TAMP 3 TIMES

PT  783  1 SET UP TAPE/TAPE APPLICATOR *EVERY 90 FT
         2 APPLY TAPE *APPLICATOR APPLIES BOTH TAPES AT THE S
           AME TIME
         3 TAMP TAPE USING ROLLER TAMPER CART *TAMP 3 TIMES P
           ER TAPE

PT  784  1 "CUT IN" CORNERS IN A ROOM USING BRUSH
         2 "CUT IN" BASEBOARD AND CEILING IN A ROOM USING BRU
           SH
         3 LADDER TIME REQUIRED TO "CUT IN" CEILING AND UPPER
           WINDOWS/DOORS *FOR 8FT HIGH CEILING, 3.5FT X 8FT
         4 "CUT IN" AROUND DOOR(S) AND WINDOWS USING BRUSH
         5 APPLY PAINT TO WALLS USING ROLLER
         6 ADDITIONAL JOB PREPARATION FOR PAINTING *BASED ON
           400 SQ FT / GAL

PT  786  1 "CUT IN" CEILING IN A ROOM USING BRUSH  *REFERENCE
           COVER CEILING AND BASEBOARD. SO FOR*ONLY CEILING
         2 LADDER TIME REQUIRED TO "CUT IN" CEILING  *FOR 8FT
           HIGH CEILING, 3.5FT X 8FT = 28 SQ FT*(3.5 IS THE
         3 APPLY PAINT TO CEILING USING ROLLER
         4 ADDITIONAL JOB PREPARATION FOR PAINTING *BASED ON
           400 SQ FT / GAL

PT  790  1 OBTAIN ITEMS TO BE USED AND SET ASIDE AFTER USE
         2 LAY PLASTIC LINER UNDER AREA TO BE STRIPPED AND TA
           PE LINER ON WALL TO PREVENT LEAKING OR SEEPAGE
         3 APPLY STRIPPER TO WALL WITH BRUSH, SCRAPE PAINT OF
           F, AND WASH SURFACE WITH SPONGE, SOAP & WATER
         4 THROW HAZARDOUS WASTE INTO A HAZARDOUS WASTE TANK
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PT  791  1 PLACE TRAFFIC CONES  *12 METERS TO PLACE 5 CONES*O
           R 1/12 PER METER
         2 REMOVE TRAFFIC CONES  *12 METERS PER 5 CONES*OR 1/
           12 PER METER
         3

PT  792  1 PLACE AND REMOVE TRAFFIC CONES (LN FT)

PT  793  1 REMOVE OLD POLYURETHANE FINISH
         2 APPLY ONE COAT OF POLYURETHANE ON FLOOR
         3 JOB PREPARATION TIME *BASED ON AN AVERAGE OF 500 S
           Q FT / GAL

PT  800  1 OBTAIN, SET UP, TAKE DOWN AND ASIDE LADDER
         2 MOVE OBSTRUCTIONS AND POSITION LADDER TO OBJECT
         3 CLIMB LADDER WITH EACH FOOT TOUCHING EACH RUNG * A
           VG.2 RUNGS X 50% FOR CLIMB ONLY = 1 RUNGS
         4 DESCEND LADDER WITH FEET TOUCHING ALTERNATE RUNGS

PT  801  1 OBTAIN, SET UP, TAKE DOWN AND ASIDE LADDER
         2 MOVE OBSTRUCTIONS AND POSITION LADDER TO OBJECT
         3 CLIMB LADDER WITH EACH FOOT TOUCHING EACH RUNG *AV
           G. 4 RUNGS X 50% FOR CLIMB ONLY = 2 RUNGS
         4 CLIMB LADDER WITH FEET TOUCHING ALTERNATE RUNGS *
           AVG. 4 RUNGS X 50% FOR CLIMB ONLY = 2 RUNGS

PT  802  1 OBTAIN, SET UP, TAKE DOWN AND ASIDE LADDER
         2 MOVE OBSTRUCTIONS AND POSITION LADDER TO OBJECT
         3 ADJUST LADDER EXTENSION AND MAKE SAFETY CHECK
         4 CLIMB LADDER WITH EACH FOOT TOUCHING EACH RUNG * A
           VG. 8 RUNGS X 50% FOR CLIMB ONLY = 4
         5 DESCEND LADDER WITH FEET TOUCHING ALTERNATE RUNGS

PT  803  1 OBTAIN, SET UP, TAKE DOWN AND ASIDE LADDER *
           2 MEN
         2 MOVE OBSTRUCTIONS AND POSITION LADDER TO OBJECT *
           2 MEN
         3 ADJUST LADDER EXTENSION AND MAKE SAFETY CHECK *
           2 MEN
         4 CLIMB LADDER WITH EACH FOOT TOUCHING EACH RUNG * A
           VG. 14 RUNGS X 50% FOR CLIMB ONLY X 2 MEN = 14
         5 DESCEND LADDER WITH FEET TOUCHING ALTERNATE RUNGS

PT  804  1 OBTAIN, SET UP, TAKE DOWN AND ASIDE LADDER *
           2 MEN
         2 MOVE OBSTRUCTIONS AND POSITION LADDER TO OBJECT *
           2 MEN
         3 ADJUST LADDER EXTENSION AND MAKE SAFETY CHECK *
           2 MEN
         4 CLIMB LADDER WITH EACH FOOT TOUCHING EACH RUNG *AV
           G. 24 RUNGS X 50% FOR CLIMB ONLY X 2 MEN = 24
         5 DESCEND LADDER WITH FEET TOUCHING ALTERNATE RUNGS
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PT 810 1 OBTAIN, SET UP, TAKE DOWN AND ASIDE LADDER *AVG. O
NCE/50 LIN FT OF LADDER MOVEMENT
2 MOVE OBSTRUCTIONS AND POSITION LADDER FOR USE *AVG
. ONCE/3.5 LIN FT OF LADDER MOVEMENT
3 CLIMB LADDER WITH EACH FOOT TOUCHING EACH RUNG *AV
G. 2 RUNGS X 50% FOR CLIMB X ONCE/3.5 FT
4 DESCEND LADDER WITH FEET TOUCHING ALTERNATE RUNGS

PT 811 1 OBTAIN, SET UP, TAKE DOWN AND ASIDE LADDER *AVG ON
CE/50 LIN FT OF LADDER MOVEMENT
2 MOVE OBSTRUCTIONS AND POSITION LADDER FOR USE *AVG
. ONCE/ 3.5 LIN FT OF LADDER MOVEMENT
3 CLIMB LADDER WITH EACH FOOT TOUCHING EACH RUNG *AV
G. 4 RUNGS X 50% FOR CLIMB X 1/3.5 LIN FT
4 DESCEND LADDER WITH FEET TOUCHING ALTERNATE RUNGS

PT 812 1 OBTAIN, SET UP, TAKE DOWN AND ASIDE LADDER *AVG. O
NCE/50 LIN FT OF LADDER MOVEMENT
2 MOVE OBSTRUCTIONS AND POSITION LADDER FOR USE *AVG
. ONCE/3.5 LIN FT OF LADDER MOVEMENT
3 ADJUST LADDER EXTENSION AND MAKE SAFETY CHECK *AVG
. ONCE/50 LIN FT OF LADDER MOVEMENT
4 CLIMB LADDER WITH EACH FOOT TOUCHING EACH RUNG *AV
G. 8 RUNGS X 50% FOR DESCEND ONLY X 1/3.5 FT
5 DESCEND LADDER WITH FEET TOUCHING ALTERNATE RUNGS

PT 813 1 OBTAIN, SET UP, TAKE DOWN AND ASIDE LADDER *AVG. O
NCE/50 LIN FT OF LADDER MOVEMENT X 2 MEN
2 MOVE OBSTRUCTIONS AND POSITION LADDER FOR USE *AVG
. ONCE/3.5 LIN FT OF LADDER MOVEMENT X 2 MEN
3 ADJUST LADDER EXTENSION AND MAKE SAFETY CHECK *AVG
. ONCE/50 LIN FT OF LADDER MOVEMENT X 2 MEN
4 CLIMB LADDER WITH EACH FOOT TOUCHING EACH RUNG *AV
G 14 RUNGS X 50% FOR DESCEND X 1/3.5 FT X 2 MEN
5 DESCEND LADDER WITH FEET TOUCHING ALTERNATE RUNGS

PT 814 1 OBTAIN, SET UP, TAKE DOWN AND ASIDE LADDER *AVG. O
NCE/50 LIN FT OF LADDER MOVEMENT X 2 MEN
2 MOVE OBSTRUCTIONS AND POSITION LADDER FOR USE *AVG
. ONCE/3.5 LIN FT OF LADDER MOVEMENT X 2 MEN
3 ADJUST LADDER EXTENSION AND MAKE SAFETY CHECK *AVG
. ONCE/50 LIN FT OF LADDER MOVEMENT X 2 MEN
4 CLIMB LADDER WITH EACH FOOT TOUCHING EACH RUNG *AV
G. 24 RUNGS X 50% DESCEND X ONCE/3.5 LIN FT X 2
5 DESCEND LADDER WITH FEET TOUCHING ALTERNATE RUNGS

PT 821 1 OBTAIN, SET UP, TAKE DOWN AND ASIDE LADDER *AVG. O
NCE PER 50 FT LENGTH X 14 FT HEIGHT
2 MOVE OBSTRUCTIONS AND POSITION LADDER FOR USE *AVG
ONCE PER 3.5 FT WIDE X 14 FT HIGH AREA
3 ADJUST LADDER EXTENSION AND MAKE SAFETY CHECK *AVG
ONCE PER 50 FT LENGTH X 14 FT HEIGTH
4 ASCEND AND DESCEND LADDER WITH BOTH FEET TOUCHING
EACH RUNG *AVG 4 RUNGS--ONCE PER 3.5 FT WIDE X 14
5 ASCEND AND DESCEND LADDER WITH ONE FOOT TOUCHING E
ACH RUNG *AVG 4 RUNGS--ONCE PER 3.5 FT WIDE X 14 F

PT 823 1 LADDER WORK WHILE PAINTING WALL OVER 15 FEET HIGH
2 ADJUST EXTENSION TO REACH INTERMEDIATE HEIGHTS *AV G:(1 ADJ / 20FT X 3.5FT AREA)(2 MEN REQ.) = 2/70
3 CLIMB & DESCEND LADDER TO ADJUST EXTENSION *AVG:(1 0 RUNG/20FT X 3.5FT AREA)(2 MEN REQ.)= 20/70

PT 831 1 OBTAIN, SET UP, TAKE DOWN AND ASIDE LADDER *AVG: O NCE / 150 SQ FT OF CEILING AREA
2 MOVE OBSTRUCTIONS AND POSITION LADDER FOR USE *AVG : ONCE / 6 SQ FT OF CEILING AREA
3 CLIMB AND DESCEND LADDER WHILE PAINTING CEILING *A VG: 4 STEPS / 6 SQ FT OF CEILING AREA

PT 833 1 OBTAIN, SET UP, TAKE DOWN AND ASIDE LADDER *AVG: O NCE / 150 SQ FT OF CEILING AREA
2 MOVE OBSTRUCTIONS AND POSITION LADDER FOR USE *AVG : ONCE / 6 SQ FT OF CEILING AREA
3 CLIMB AND DESCEND LADDER WHILE PAINTING CEILING *A VG: 8 STEPS / 6 SQ FT OF CEILING AREA

PT 835 1 USE AND ASIDE TELESCOPIC LIFT
2 MOVE OBSTRUCTIONS AS REQUIRED *1 OBSTRUCTION PER L OCATION ON AVERAGE
3 RAISE AND LOWER TELESCOPIC LIFT *IT REQUIRES 1/12 MIN. PER FEET RAISED OR LOWERED *(GENIE INC) TIMES

PT 836 1 USE AND ASIDE TELESCOPIC DUAL LIFT
2 MOVE OBSTRUCTIONS AS REQUIRED *1 OBSTRUCTION PER L OCATION ON AVERAGE *2-MAN
3 RAISE AND LOWER TELESCOPIC LIFT *2-MAN LIFT *IT RE QUIRES 1/20 MIN. PER FOOT RAISED OR LOWERED*(GENIE

PT 837 1 USE AND ASIDE SCISSORLIFT *TIME FOR WALKING INCLUD ES FOR CHECKING SCISSOR- *LIFT ALONG W/BENDING AND
2 MOVE OBSTRUCTIONS AS REQUIRED *1 OBSTRUCTION PER L OCATION ON AVERAGE
3 RAISE AND LOWER SCISSORLIFT *1/52 TIMES 3956 = LIF T OR LOWER TIME *SO 2/52 = LIFT AND LOWER*AVERAGE

PT 890 1 CALIBRATE SPECTRUM ANALYZER
2 INSPECT DOOR AND TRIM WITH SPECTRUM ANALYZER

PT 891 1 CALIBRATE SPECTRUM ANALYZER
2 INSPECT WINDOW AND TRIM WITH SPECTRUM ANALYZER

PT 892 1 CALIBRATE SPECTRUM ANALYZER
2 INSPECT WALL AND TRIM WITH SPECTRUM ANALYZER

PT 893 1 CALIBRATE SPECTRUM ANALYZER
2 INSPECT STAIRS WITH SPECTRUM ANALYZER

PT 894 1 WIPE SAMPLE AREA
2 PLACE WIPE IN SAMPLE BAG

PT 895 1 SCOOP SOIL AS REQUIRED
2 PLACE SOIL IN SAMPLE BAG
3 CLEAN SCOOP THOROUGHLY

PT 896 1 DUSTLESS MECHANICAL CLEANING W/VACUUM NEEDLE GUN * AVG. OF 20 SQ FT PER HOUR OR .05 HOUR/SQ FT *ELEME
2 REMOVE AND PLACE OR REPLACE WASTE DRUM AS REQUIRED
3 INSPECT SURFACE AFTER MECHANICAL CLEANING *EVERY 1 00 SQ FT

PT 897 1 DUSTLESS MECHANICAL CLEANING W/VACUUM NEEDLE GUN * AVG. OF 30 LN FT PER HOUR OR .0333 HOUR/SQ FT *ELE
2 INSPECT EDGES & CORNERS AFTER MECHANICAL CLEANING

PT 898 1 WASH DOOR *ANCILLARY ACTIONS (FILL AND EMPTY PAIL ; GET NEW*OR CLEAN SPONGE/RAG; CAREFUL HANDLING LE

PT 899 1 WASH WINDOW *ANCILLARY ACTIONS (FILL AND EMPTY PA IL; GET NEW*OR CLEAN SPONGE/RAG; CAREFUL HANDLING

PT 900 1 DON AND REMOVE PROTECTIVE CLOTHING (INCLUDES MASKI NG WRISTS WITH TAPE AFTER PUTTING ON GLOVES AND CO

PT 901 1 WET MOP FLOOR

PT 902 1 WASH WALL *ANCILLARY ACTIONS (FILL & EMPTY PAIL; G ET *NEW/CLEAN SPONGE/RAG; CAREFUL HANDLING LEAD DU

PT 905 1 POWER BRUSH AND VACUUM AIR DUCT (UP TO 16" DIA.)
2 USE LADDER

PT 906 1 POWER BRUSH AND VACUUM AIR DUCT (UP TO 16" DIA.)

PT 909 1 FOG AIR DUCT WITH PORTABLE FOGGER

PT 911 1 SET UP AND PUT AWAY WATER BLAST EQUIPMENT *THERE IS THE EQUIV. OF 2 PUMPS SET UP IN SERIES*OR ABOUT
2 POSITION GUN PRIOR TO HP JETTING *ONCE EVERY 20 SQ FT
3 HP BLAST PER SQ FT *HP BLAST TAKES ABOUT 50% LESS TIME PER SQ FT THAN *OPEN SANDBLASTING (SANDBLASTI
4 INSPECT SURFACE AFTER BLASTING

PT 912 1 SET UP AND PUT AWAY WATER BLAST EQUIPMENT AND SAFE TY GEAR *THERE IS THE EQUIV. OF 3 PUMPS SET UP IN
2 UHP BLAST PER SQ FT